

10/799,909

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptaul29pxo

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 4 OCT 28 KOREAPAT now available on STN  
NEWS 5 NOV 30 PHAR reloaded with additional data  
NEWS 6 DEC 01 LISA now available on STN  
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004  
NEWS 8 DEC 15 MEDLINE update schedule for December 2004  
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness  
alerts (SDIs) affected  
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB  
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN  
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED  
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and  
February 2005  
NEWS 17 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks  
(ROSPATENT) added to list of core patent offices covered  
NEWS 18 FEB 10 STN Patent Forums to be held in March 2005  
NEWS 19 FEB 16 STN User Update to be held in conjunction with the 229th ACS  
National Meeting on March 13, 2005  
NEWS 20 FEB 28 PATDPAFULL - New display fields provide for legal status  
data from INPADOC  
NEWS 21 FEB 28 BABS - Current-awareness alerts (SDIs) available  
NEWS 22 FEB 28 MEDLINE/LMEDLINE reloaded  
NEWS 23 MAR 02 GBFULL: New full-text patent database on STN  
NEWS 24 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
NEWS 25 MAR 03 MEDLINE file segment of TOXCENTER reloaded

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:51:57 ON 20 MAR 2005

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:52:03 ON 20 MAR 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 MAR 2005 HIGHEST RN 845929-90-0

DICTIONARY FILE UPDATES: 18 MAR 2005 HIGHEST RN 845929-90-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.43	0.64

FILE 'REGISTRY' ENTERED AT 15:52:43 ON 20 MAR 2005

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DICTIONARY FILE UPDATES: 18 MAR 2005 HIGHEST RN 845929-90-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s tamsulosin  
L1 5 TAMSULOSIN

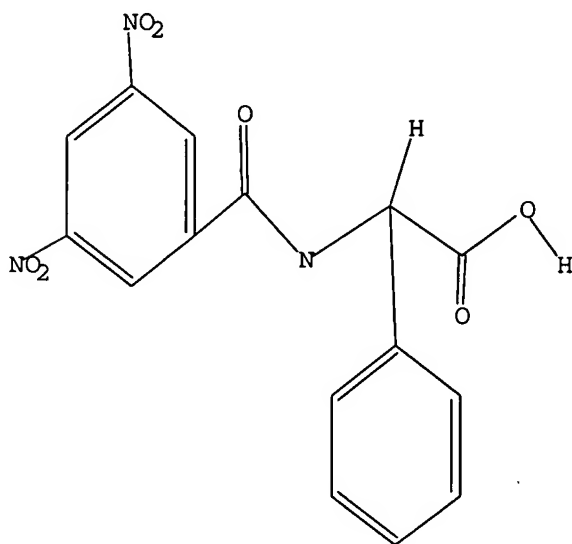
=> s camphorsulfonic acid  
75 CAMPHORSULFONIC  
6952951 ACID  
L2 75 CAMPHORSULFONIC ACID  
(CAMPHORSULFONIC(W)ACID)

=>  
Uploading C:\Program Files\Stnexp\Queries\KOB.str

L3 STRUCTURE UPLOADED

=> id 13  
ID IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> d 13  
L3 HAS NO ANSWERS  
L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13  
SAMPLE SEARCH INITIATED 15:56:59 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 93 TO 587  
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> search 13  
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.  
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full  
FULL SEARCH INITIATED 15:57:07 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 282 TO ITERATE

100.0% PROCESSED 282 ITERATIONS  
SEARCH TIME: 00.00.01

27 ANSWERS

L5 27 SEA SSS FUL L3

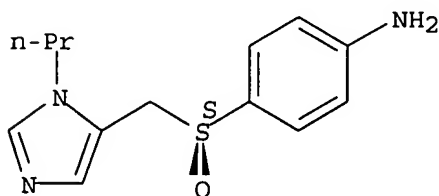
=> d 15

L5 ANSWER 1 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 597583-18-1 REGISTRY  
ED Entered STN: 03 Oct 2003  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ R)-,  
compd. with 4-[(S)-[(1-propyl-1H-imidazol-5-yl)methyl]sulfinyl]benzenamine  
(1:1) (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 N3 O7 . C13 H17 N3 O S  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 497223-38-8  
CMF C13 H17 N3 O S

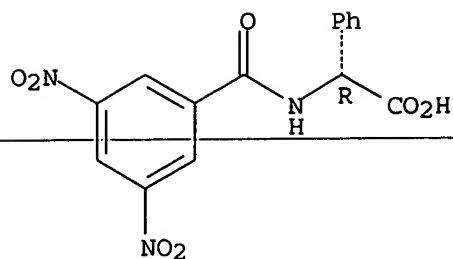
Absolute stereochemistry. Rotation (-).



CM 2

CRN 74927-72-3  
CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (-).



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 15:51:57 ON 20 MAR 2005)

FILE 'REGISTRY' ENTERED AT 15:52:03 ON 20 MAR 2005

FILE 'REGISTRY' ENTERED AT 15:52:43 ON 20 MAR 2005

L1 5 S TAMSULOSIN  
L2 75 S CAMPHORSULFONIC ACID  
L3 STRUCTURE UPLOADED  
L4 0 S L3  
L5 27 SEARCH L3 FULL

=> s l1 and l2

L6 0 L1 AND L2

=> s l1 and l5

L7 0 L1 AND L5

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	180.41	181.05

FILE 'CAPLUS' ENTERED AT 15:58:05 ON 20 MAR 2005

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FILE COVERS 1907 - 20 Mar 2005 VOL 142 ISS 13

FILE LAST UPDATED: 18 Mar 2005 (20050318/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> file reg  
COST IN U.S. DOLLARS

SINCE FILE  
ENTRY TOTAL  
SESSION

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FULL ESTIMATED COST	0.45	181.50
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FILE 'REGISTRY' ENTERED AT 15:58:19 ON 20 MAR 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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STRUCTURE FILE UPDATES: 18 MAR 2005 HIGHEST RN 845929-90-0  
DICTIONARY FILE UPDATES: 18 MAR 2005 HIGHEST RN 845929-90-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

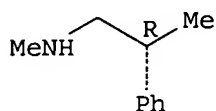
=> d 12 1-75

L2 ANSWER 1 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 685876-08-8 REGISTRY  
ED Entered STN: 26 May 2004  
CN Camphorsulfonic acid, d-, salt with d-N, $\beta$ -dimethylphenethylamine  
(4CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C10 H15 N  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 26191-38-8  
CMF C10 H15 N

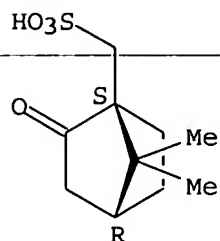
Absolute stereochemistry.



CM 2

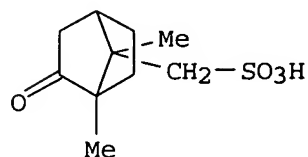
CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 642493-09-2 REGISTRY  
ED Entered STN: 28 Jan 2004  
CN **8-Camphorsulfonic acid, sodium salt (5CI)** (CA INDEX NAME)  
MF C10 H16 O4 S . x Na  
SR CA  
LC STN Files: CA, CAPLUS  
CRN (7760-35-2)



● x Na

3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

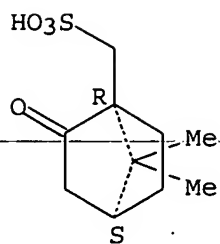
L2 ANSWER 3 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 623174-64-1 REGISTRY  
ED Entered STN: 03 Dec 2003  
CN **Isopropylamine, compd. with L-10-camphorsulfonic acid (7CI)** (CA INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C3 H9 N  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 35963-20-3

CMF C10 H16 O4 S

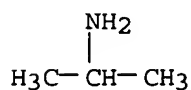
Absolute stereochemistry. Rotation (-).



CM 2

CRN 75-31-0

CMF C3 H9 N



2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

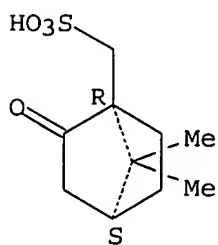
L2 ANSWER 4 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 623174-63-0 REGISTRY  
ED Entered STN: 03 Dec 2003  
CN **Ethanol, 2-amino-, compd. with L-10-camphorsulfonic acid (7CI)**  
(CA INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C2 H7 N O  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 35963-20-3

CMF C10 H16 O4 S

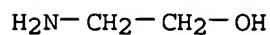
Absolute stereochemistry. Rotation (-).



CM 2

CRN 141-43-5

CMF C2 H7 N O





1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 414910-01-3 REGISTRY

ED Entered STN: 13 May 2002

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
(1S,4R)-, compd. with 2-(4-fluoro-2-methylphenyl)-4-piperidinone (1:1)  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2-(4-Fluoro-2-methylphenyl)piperidine-4-one 10-camphorsulfonic acid  
salt

FS STEREOSEARCH

MF C12 H14 F N O . C10 H16 O4 S

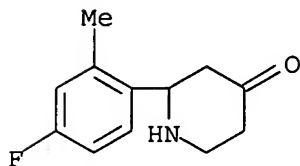
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 414909-99-2

CMF C12 H14 F N O

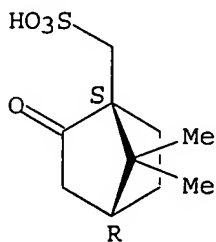


CM 2

CRN 3144-16-9

CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 368835-68-1 REGISTRY

ED Entered STN: 11 Nov 2001

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
(1S,4R)-, compd. with (2S,3S,6S)-6-ethyl-2-phenyl-3-piperidinamine (9CI)  
(CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 3-Piperidinamine, 6-ethyl-2-phenyl-, (2S,3S,6S)-, (1S,4R)-7,7-dimethyl-2-

oxobicyclo[2.2.1]heptane-1-methanesulfonate (9CI)

OTHER NAMES:

CN (2S,3S,6S)-6-Ethyl-2-phenylpiperidin-3-ylamine camphorsulfonic acid salt

FS STEREOSEARCH

MF C13 H20 N2 . x C10 H16 O4 S

SR CA

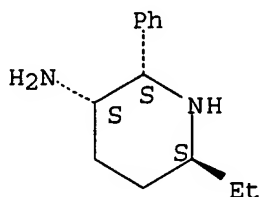
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 368833-23-2

CMF C13 H20 N2

Absolute stereochemistry.

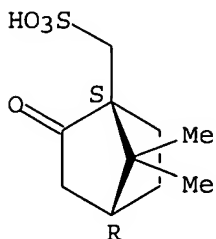


CM 2

CRN 3144-16-9

CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 328092-74-6 REGISTRY

ED Entered STN: 20 Mar 2001

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S,4R)-, compd. with 1,2-dimethyl-1H-imidazole (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Imidazole, 1,2-dimethyl-, (1S,4R)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate (9CI)

OTHER NAMES:

CN 1,2-Dimethylimidazole camphorsulfonic acid salt (1:2)

FS STEREOSEARCH

MF C10 H16 O4 S . x C5 H8 N2

SR CA

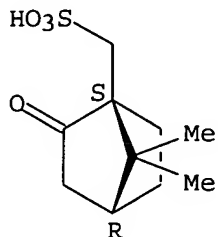
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 3144-16-9

CMF C10 H16 O4 S

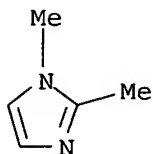
Absolute stereochemistry. Rotation (+).



CM 2

CRN 1739-84-0

CMF C5 H8 N2



3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 328092-67-7 REGISTRY

ED Entered STN: 20 Mar 2001

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S,4R)-, compd. with N,N,N',N'-tetramethylguanidine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Guanidine, N,N,N',N'-tetramethyl-, (1S,4R)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate (9CI)

OTHER NAMES:

CN 1,1,3,3-Tetramethylguanidine camphorsulfonic acid salt (1:2)

FS STEREOSEARCH

MF C10 H16 O4 S . x C5 H13 N3

SR CA

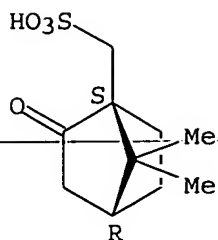
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 3144-16-9

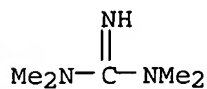
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 80-70-6  
CMF C5 H13 N3



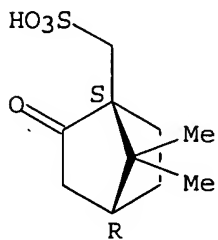
3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 267230-77-3 REGISTRY  
ED Entered STN: 30 May 2000  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S,4R)-, compd. with N,N,N',N'-tetramethyl-1,3-butanediamine (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,3-Butanediamine, N,N,N',N'-tetramethyl-, (1S,4R)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate (9CI)  
OTHER NAMES:  
CN **Tetramethyl-1,3-butanediamine camphorsulfonic acid salt**  
FS STEREOSEARCH  
MF C10 H16 O4 S . x C8 H20 N2  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

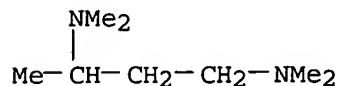
CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

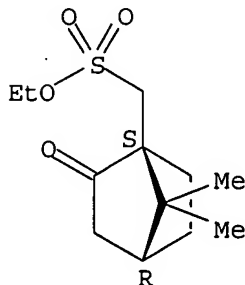
CRN 97-84-7  
CMF C8 H20 N2



4 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 154335-57-6 REGISTRY  
ED Entered STN: 14 Apr 1994  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, ethyl ester, (1S,4R)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, ethyl ester, (1S)-  
OTHER NAMES:  
CN (+)-Ethyl camphorsulfonate  
CN (S)-10-Camphorsulfonic acid ethyl ester  
FS STEREOSEARCH  
MF C12 H20 O4 S  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

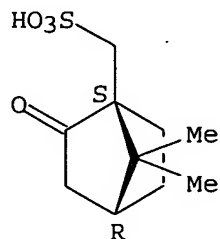
L2 ANSWER 11 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 133133-47-8 REGISTRY  
ED Entered STN: 12 Apr 1991  
CN d-10-Camphorsulfonic acid, compd. with p-bromoaniline (6CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C6 H6 Br N  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

CM 1

CRN 3144-16-9

CMF C10 H16 O4 S

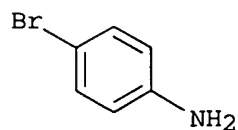
Absolute stereochemistry. Rotation (+).



CM 2

CRN 106-40-1

CMF C6 H6 Br N



2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 12 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 133133-46-7 REGISTRY

ED Entered STN: 12 Apr 1991

CN **dl-10-Camphorsulfonic acid, compd. with p-bromoaniline (6CI)**  
(CA INDEX NAME)

MF C10 H16 O4 S . C6 H6 Br N

SR CAOLD

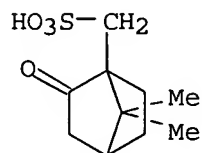
LC STN Files: BEILSTEIN\*, CAOLD

(\*File contains numerically searchable property data)

CM 1

CRN 5872-08-2

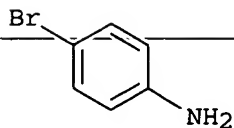
CMF C10 H16 O4 S



CM 2

CRN 106-40-1

CMF C6 H6 Br N

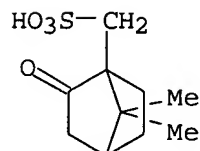


2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 13 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 133133-45-6 REGISTRY  
ED Entered STN: 12 Apr 1991  
CN **dl-10-Camphorsulfonic acid, compd. with m-bromoaniline (6CI)**  
(CA INDEX NAME)  
MF C10 H16 O4 S . C6 H6 Br N .  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

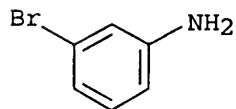
CM 1

CRN 5872-08-2  
CMF C10 H16 O4 S



CM 2

CRN 591-19-5  
CMF C6 H6 Br N



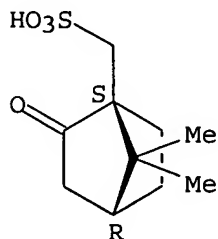
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 14 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 133133-44-5 REGISTRY  
ED Entered STN: 12 Apr 1991  
CN **d-10-Camphorsulfonic acid, compd. with m-bromoaniline (6CI)** (CA  
INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C6 H6 Br N  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

CM 1

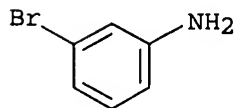
CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 591-19-5  
CMF C6 H6 Br N



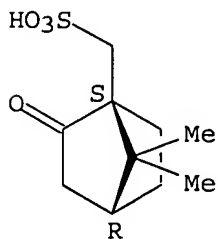
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 15 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 133133-43-4 REGISTRY  
ED Entered STN: 12 Apr 1991  
CN d-10-Camphorsulfonic acid, compd. with o-bromoaniline (6CI) (CA  
INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C6 H6 Br N  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

CM 1

CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).

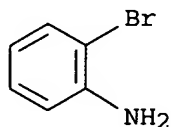




CM 2

CRN 615-36-1

CMF C6 H6 Br N



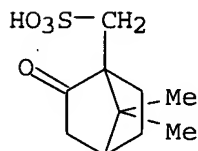
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 16 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 133133-42-3 REGISTRY  
ED Entered STN: 12 Apr 1991  
CN **dl-10-Camphorsulfonic acid, compd. with o-bromoaniline (6CI)**  
(CA INDEX NAME)  
MF C10 H16 O4 S . C6 H6 Br N  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

CM 1

CRN 5872-08-2

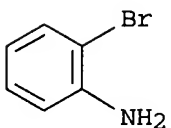
CMF C10 H16 O4 S



CM 2

CRN 615-36-1

CMF C6 H6 Br N



2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 17 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 132962-09-5 REGISTRY  
ED Entered STN: 05 Apr 1991  
CN **10-Camphorsulfonic acid, compd. with 2,4,6-tribromoaniline (6CI)**  
(CA INDEX NAME)

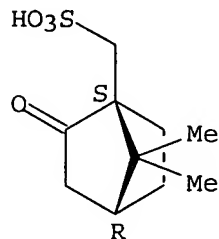
FS STEREOSEARCH  
MF C10 H16 O4 S . C6 H4 Br3 N  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

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CM 1

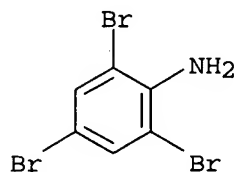
CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 147-82-0  
CMF C6 H4 Br3 N



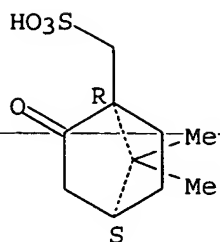
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 18 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 132886-05-6 REGISTRY  
ED Entered STN: 29 Mar 1991  
CN **1-10-Camphorsulfonic acid, compd. with allylamine (6CI)** (CA  
INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C3 H7 N  
SR CAOLD  
LC STN Files: CAOLD

CM 1

CRN 35963-20-3  
CMF C10 H16 O4 S

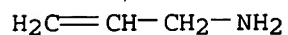
Absolute stereochemistry. Rotation (-).



CM 2

CRN 107-11-9

CMF C3 H7 N



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

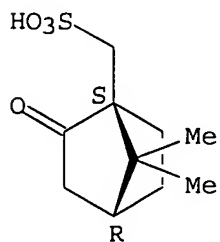
L2 ANSWER 19 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 132886-04-5 REGISTRY  
 ED Entered STN: 29 Mar 1991  
 CN **d-10-Camphorsulfonic acid, compd. with allylamine (6CI)** (CA  
 INDEX NAME)  
 FS STEREOSEARCH  
 MF C10 H16 O4 S . C3 H7 N  
 SR CAOLD  
 LC STN Files: CAOLD

CM 1

CRN 3144-16-9

CMF C10 H16 O4 S

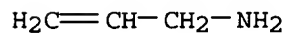
Absolute stereochemistry. Rotation (+).



CM 2

CRN 107-11-9

CMF C3 H7 N



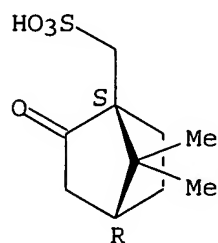
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 20 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 132494-14-5 REGISTRY  
ED Entered STN: 08 Mar 1991  
CN ~~10-Camphorsulfonic acid, compd. with o-phenylenediamine (6CI)~~  
(CA INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C6 H8 N2  
SR CAOLD  
LC STN Files: CA, CAOLD, CAPLUS

CM 1

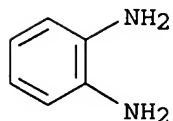
CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 95-54-5  
CMF C6 H8 N2

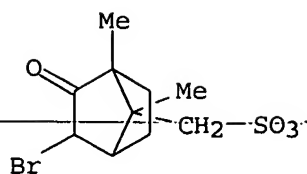


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 21 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 127210-80-4 REGISTRY  
ED Entered STN: 18 May 1990  
CN **8-Camphorsulfonic acid, 3-bromo-, salt with [Co(C2H8N2)2(N3)Cl]+**  
(6CI) (CA INDEX NAME)  
MF C10 H14 Br O4 S . C4 H16 Cl Co N7  
SR CAOLD  
LC STN Files: CAOLD

CM 1

CRN 52689-64-2  
CMF C10 H14 Br O4 S

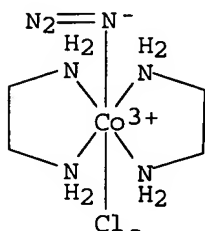


CM 2

CRN 46139-21-3

CMF C4 H16 Cl Co N7

CCI CCS



# 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

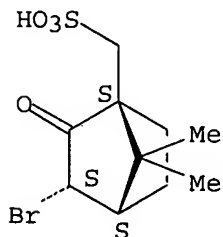
L2 ANSWER 22 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 124161-20-2 REGISTRY  
 ED Entered STN: 08 Dec 1989  
 CN **L-threo-1,3-Propanediol, 2-amino-1-phenyl-, compd. with  
 3-bromo-d-10-camphorsulfonic acid (6CI) (CA INDEX NAME)**  
 FS STEREOSEARCH  
 MF C10 H15 Br O4 S . C9 H13 N O2  
 SR CAOLD  
 LC STN Files: CAOLD

CM 1

CRN 67999-30-8

CMF C10 H15 Br O4 S

Absolute stereochemistry. Rotation (+).

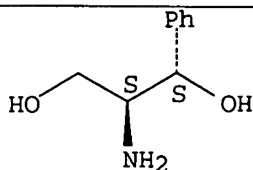


CM 2

CRN 28143-91-1

CMF C9 H13 N O2

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

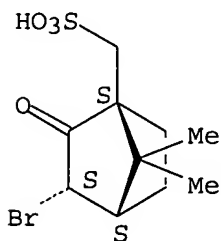
L2 ANSWER 23 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 124140-17-6 REGISTRY  
ED Entered STN: 08 Dec 1989  
CN **DL-threo-1,3-Propanediol, 2-amino-1-phenyl-, compd. with  
3-bromo-d-10-camphorsulfonic acid (6CI) (CA INDEX NAME)**  
FS STEREOSEARCH  
MF C10 H15 Br O4 S . C9 H13 N O2  
SR CAOLD  
LC STN Files: CAOLD

CM 1

CRN 67999-30-8

CMF C10 H15 Br O4 S

Absolute stereochemistry. Rotation (+).

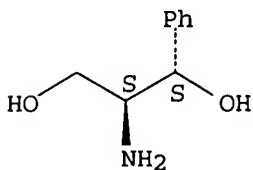


CM 2

CRN 55057-81-3

CMF C9 H13 N O2

Relative stereochemistry.



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 24 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 124140-16-5 REGISTRY  
ED Entered STN: 08 Dec 1989  
CN **D-threo-1,3-Propanediol, 2-amino-1-phenyl-, compd. with  
3-bromo-d-10-camphorsulfonic acid (6CI) (CA INDEX NAME)**

FS STEREOSEARCH

MF C10 H15 Br O4 S . C9 H13 N O2

SR CAOLD

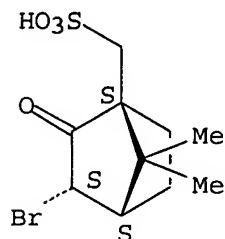
LC STN Files: CAOLD

CM 1

CRN 67999-30-8

CMF C10 H15 Br O4 S

Absolute stereochemistry. Rotation (+).

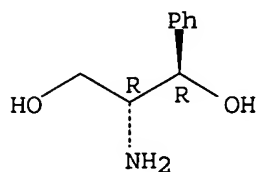


CM 2

CRN 46032-98-8

CMF C9 H13 N O2

Absolute stereochemistry. Rotation (-).



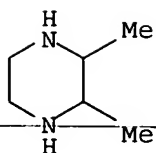
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 25 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 122524-53-2 REGISTRY  
ED Entered STN: 08 Sep 1989  
CN **8-Camphorsulfonic acid, compd. with 2,3-dimethylpiperazine (2:1)  
(6CI) (CA INDEX NAME)**  
MF C10 H16 O4 S . 1/2 C6 H14 N2  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

CM 1

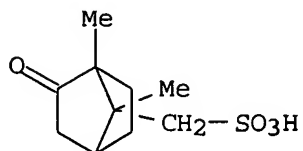
CRN 84468-52-0

CMF C6 H14 N2



CM 2

CRN 7760-35-2  
CMF C10 H16 O4 S

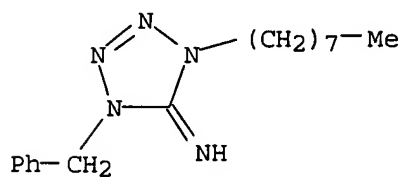


1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 26 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 121271-80-5 REGISTRY  
ED Entered STN: 23 Jun 1989  
CN 10-Camphorsulfonic acid, 1-benzyl-5-imino-4-octyl-2-tetrazoline salt  
(6CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C16 H25 N5 . C10 H16 O4 S  
SR CAOLD  
LC STN Files: CAOLD

CM 1

CRN 62654-14-2  
CMF C16 H25 N5

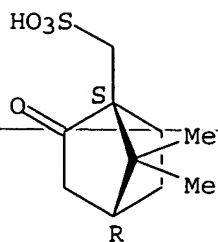


CM 2

CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



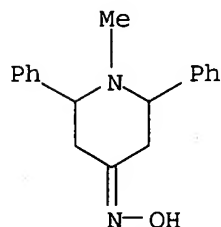


1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 27 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 119717-95-2 REGISTRY  
 ED Entered STN: 24 Mar 1989  
 CN 10-Camphorsulfonic acid, compd. with 1-methyl-2,6-diphenyl-4-piperidone oxime (6CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C18 H20 N2 O . C10 H16 O4 S  
 SR CAOLD  
 LC STN Files: CAOLD

CM 1

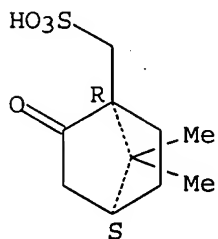
CRN 64912-36-3  
 CMF C18 H20 N2 O



CM 2

CRN 35963-20-3  
 CMF C10 H16 O4 S

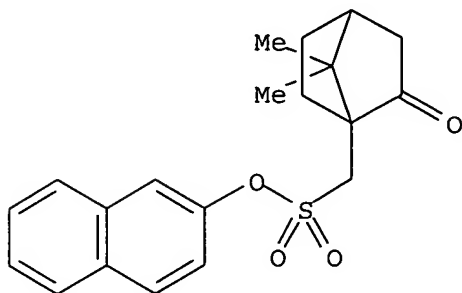
Absolute stereochemistry. Rotation (-).



2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 28 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 119477-55-3 REGISTRY

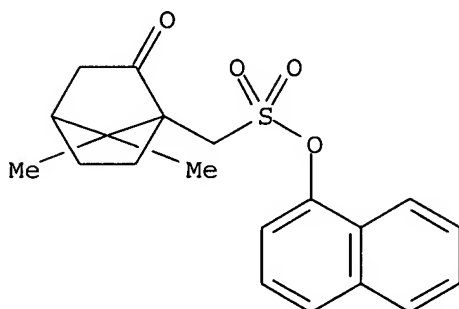
ED Entered STN: 10 Mar 1989  
CN **dl-10-Camphorsulfonic acid, 2-naphthyl ester (6CI)** (CA INDEX  
NAME)  
MF C20 H22 O4 S  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 29 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 119477-54-2 REGISTRY  
ED Entered STN: 10 Mar 1989  
CN **dl-10-Camphorsulfonic acid, 1-naphthyl ester (6CI)** (CA INDEX  
NAME)  
MF C20 H22 O4 S  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

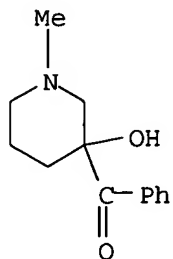
L2 ANSWER 30 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 119369-32-3 REGISTRY  
ED Entered STN: 03 Mar 1989  
CN **10-Camphorsulfonic acid, compd. with 3-hydroxy-1-methyl-3-piperidyl  
phenyl ketone (6CI)** (CA INDEX NAME)

FS STEREOSEARCH  
MF C13 H17 N O2 . C10 H16 O4 S  
SR CAOLD  
LC STN Files: CAOLD

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CM 1

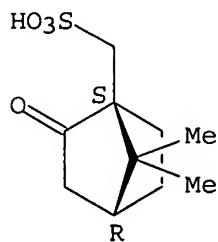
CRN 5899-21-8  
CMF C13 H17 N O2



CM 2

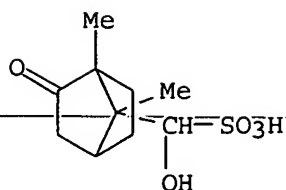
CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

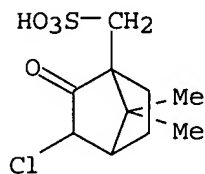
L2 ANSWER 31 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 118923-60-7 REGISTRY  
ED Entered STN: 10 Feb 1989  
CN **8-Camphorsulfonic acid, 8-hydroxy-, sodium salt (6CI)** (CA INDEX  
NAME)  
MF C10 H16 O5 S . Na  
SR CAOLD  
LC STN Files: CA, CAOLD, CAPLUS  
CRN (805983-14-6)



● Na

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 32 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 117311-20-3 REGISTRY  
 ED Entered STN: 05 Nov 1988  
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3-chloro-7,7-dimethyl-2-oxo-  
 (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 10-Camphorsulfonic acid, 3-chloro- (6CI)  
 FS 3D CONCORD  
 MF C10 H15 Cl O4 S  
 CI COM  
 SR CAOLD  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS  
 (\*File contains numerically searchable property data)

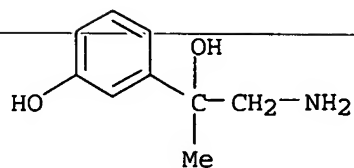


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 33 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 115798-69-1 REGISTRY  
 ED Entered STN: 13 Aug 1988  
 CN Camphorsulfonic acid, m-hydroxy- $\alpha$ -methyl(aminomethyl)benzyl  
 alcohol salt (6CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C10 H16 O4 S . C9 H13 N O2  
 SR CAOLD  
 LC STN Files: CAOLD  
  
 CM 1  
  
 CRN 115798-68-0

CMF C9 H13 N O2

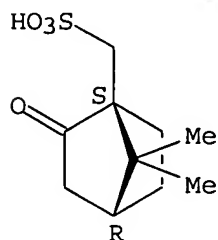


CM 2

CRN 3144-16-9

CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 34 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 115048-03-8 REGISTRY

ED Entered STN: 02 Jul 1988

CN **d-10-Camphorsulfonic acid, compd. with 2-dimethylaminopropiophenone**  
(1:1) (6CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C11 H15 N O . C10 H16 O4 S

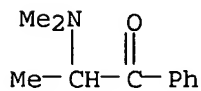
SR CAOLD

LC STN Files: CAOLD

CM 1

CRN 15351-09-4

CMF C11 H15 N O

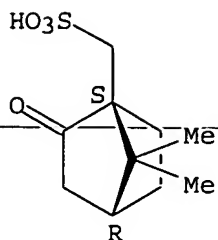


CM 2

CRN 3144-16-9

CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



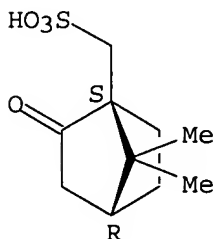
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 35 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 114962-14-0 REGISTRY  
 ED Entered STN: 25 Jun 1988  
 CN **d-10-Camphorsulfonic acid, p-hydroxy-α-methyl-α-(aminomethyl)benzyl alcohol salt (6CI) (CA INDEX NAME)**  
 FS STEREOSEARCH  
 MF C10 H16 O4 S . C9 H13 N O2  
 SR CAOLD  
 LC STN Files: CAOLD

CM 1

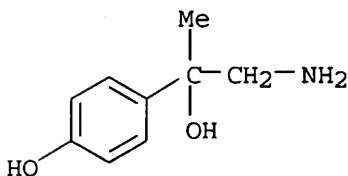
CRN 3144-16-9  
 CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 2462-53-5  
 CMF C9 H13 N O2

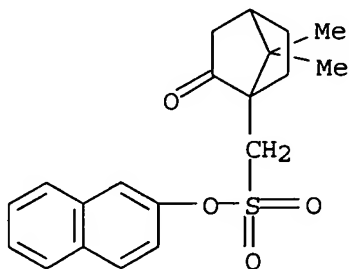


1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 36 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 114493-45-7 REGISTRY  
 ED Entered STN: 21 May 1988  
 CN **10-Camphorsulfonic acid, 2-naphthyl ester, d- (6CI) (CA INDEX**

NAME)  
MF C20 H22 O4 S  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

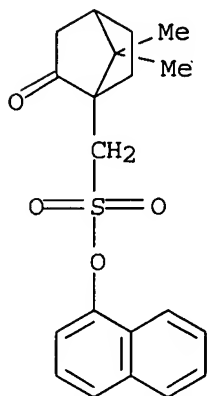
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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 37 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 114493-44-6 REGISTRY  
ED Entered STN: 21 May 1988  
CN 10-Camphorsulfonic acid, 1-naphthyl ester, d- (6CI) (CA INDEX  
NAME)  
MF C20 H22 O4 S  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

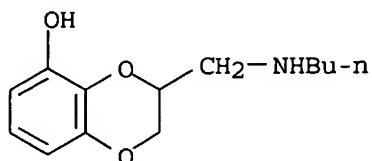
L2 ANSWER 38 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 114188-42-0 REGISTRY  
ED Entered STN: 30 Apr 1988  
CN d-Camphorsulfonic acid, compd. with 3-(butylaminomethyl)-1,4-

benzodioxan-5-ol (6CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C13 H19 N O3 . C10 H16 O4 S  
SR CAOLD  
LC STN Files: CAOLD

---

CM 1

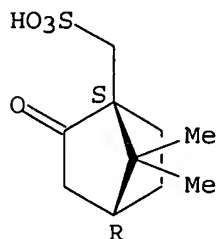
CRN 91272-49-0  
CMF C13 H19 N O3



CM 2

CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).

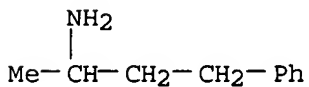


1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 39 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 113038-80-5 REGISTRY  
ED Entered STN: 27 Feb 1988  
CN **Camphorsulfonic acid, 1-methyl-3-phenylpropylamine salt (6CI)**  
(CA INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C10 H15 N  
SR CAOLD  
LC STN Files: CA, CAOLD, CAPLUS, TOXCENTER

CM 1

CRN 22374-89-6  
CMF C10 H15 N



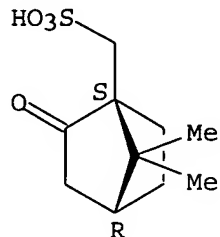


CM 2

CRN 3144-16-9

CMF C10-H16-O4-S

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 40 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 112842-53-2 REGISTRY

ED Entered STN: 13 Feb 1988

CN 2-Thia-4-azabicyclo[4.2.2]dec-3-ene, 3-amino-1,5,5-trimethyl-, compd. with d-camphorsulfonic acid (1:1) (6CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C11 H20 N2 S . C10 H16 O4 S

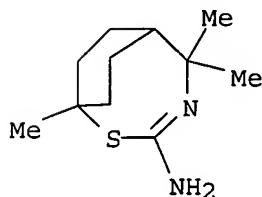
SR CAOLD

LC STN Files: CAOLD

CM 1

CRN 5330-92-7

CMF C11 H20 N2 S

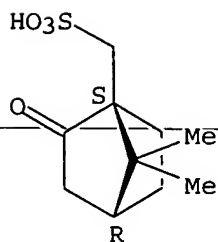


CM 2

CRN 3144-16-9

CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

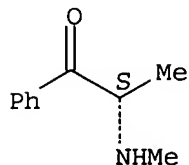
L2 ANSWER 41 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 112117-25-6 REGISTRY  
 ED Entered STN: 01 Jan 1988  
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
 (1S,4R)-, compd. with (2S)-2-(methylamino)-1-phenyl-1-propanone (1:1)  
 (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN **d-10-Camphorsulfonic acid, compd. with L-2-methylaminopropiophenone**  
 (1:1) (6CI)  
 FS STEREOSEARCH  
 MF C10 H16 O4 S . C10 H13 N O  
 SR CAOLD  
 LC STN Files: CA, CAOLD, CAPLUS

CM 1

CRN 112117-24-5

CMF C10 H13 N O

Absolute stereochemistry.

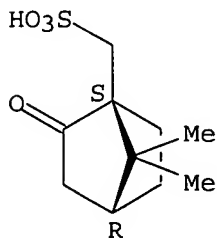


CM 2

CRN 3144-16-9

CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CA (1907 TO DATE)

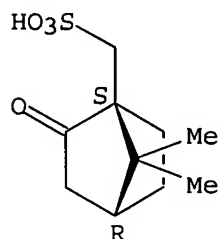
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 42 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN ~~111961-05-8~~ REGISTRY  
ED Entered STN: 19 Dec 1987  
CN **d-10-Camphorsulfonic acid, dl- $\alpha$ -(aminomethyl)-p-hydroxybenzyl  
alcohol salt (6CI) (CA INDEX NAME)**  
FS STEREOSEARCH  
MF C10 H16 O4 S . C8 H11 N O2  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

CM 1

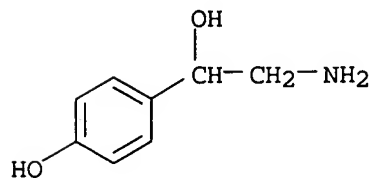
CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 104-14-3  
CMF C8 H11 N O2



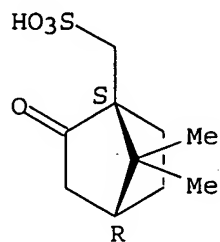
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 43 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 111961-04-7 REGISTRY  
ED Entered STN: 19 Dec 1987  
CN **d-10-Camphorsulfonic acid, dl- $\alpha$ -(aminomethyl)-m-hydroxybenzyl  
alcohol salt (6CI) (CA INDEX NAME)**  
FS STEREOSEARCH  
MF C10 H16 O4 S . C8 H11 N O2  
SR CAOLD  
LC STN Files: CAOLD

CM 1

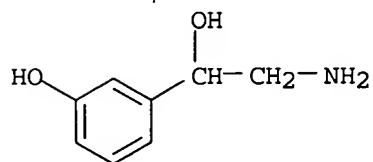
CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 536-21-0  
CMF C8 H11 N O2

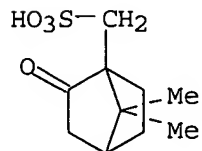


1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 44 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 111587-44-1 REGISTRY  
ED Entered STN: 29 Nov 1987  
CN 10-Camphorsulfonic acid, compd. with 2-aminopropiophenone (6CI)  
(CA INDEX NAME)  
MF C10 H16 O4 S . C9 H11 N O  
SR CAOLD  
LC STN Files: CAOLD

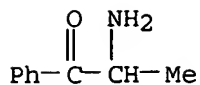
CM 1

CRN 5872-08-2  
CMF C10 H16 O4 S



CM 2

CRN 5265-18-9  
CMF C9 H11 N O

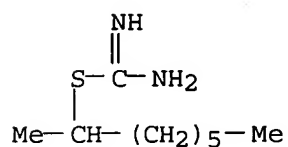


2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 45 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 111411-43-9 REGISTRY  
 ED Entered STN: 21 Nov 1987  
 CN **d-10-Camphorsulfonic acid, compd. with 2-(1-methylheptyl)-2-thiopseudourea (1:1) (6CI) (CA INDEX NAME)**  
 FS STEREOSEARCH  
 MF C10 H16 O4 S . C9 H20 N2 S  
 SR CAOLD  
 LC STN Files: BEILSTEIN\*, CAOLD  
 (\*File contains numerically searchable property data)

CM 1

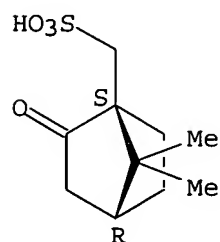
CRN 59971-99-2  
 CMF C9 H20 N2 S



CM 2

CRN 3144-16-9  
 CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 46 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 111408-51-6 REGISTRY  
 ED Entered STN: 21 Nov 1987  
 CN **1,3-Propanediol, 2-amino-1-phenyl-, compd. with 3-bromo-d-10-camphorsulfonic acid (6CI) (CA INDEX NAME)**  
 FS STEREOSEARCH  
 MF C10 H15 Br O4 S . C9 H13 N O2  
 SR CAOLD

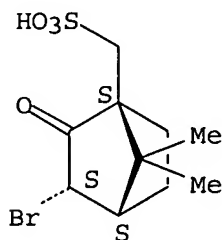
LC STN Files: CAOLD

CM 1

CRN 67999-30-8

CMF C10 H15 Br O4 S

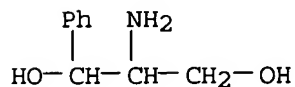
Absolute stereochemistry. Rotation (+).



CM 2

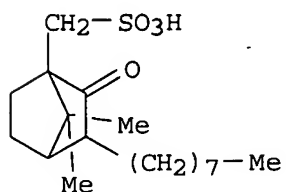
CRN 3306-06-7

CMF C9 H13 N O2



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 47 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 111064-12-1 REGISTRY  
ED Entered STN: 31 Oct 1987  
CN 10-Camphorsulfonic acid, 3-octyl- (6CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C18 H32 O4 S  
SR CAOLD  
LC STN Files: CAOLD



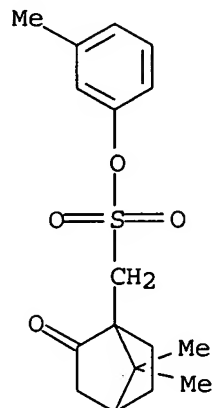
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 48 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 111032-39-4 REGISTRY  
ED Entered STN: 31 Oct 1987

CN d-10-Camphorsulfonic acid, m-tolyl ester (6CI) (CA INDEX NAME)  
MF C17 H22 O4 S  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)

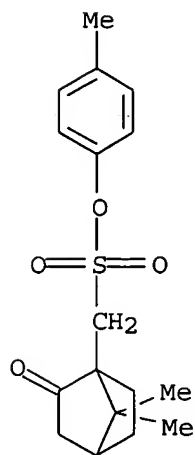
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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

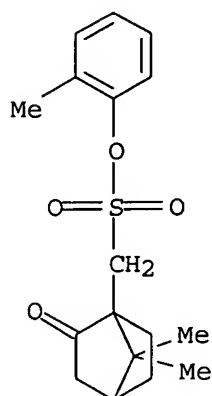
L2 ANSWER 49 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 111032-38-3 REGISTRY  
ED Entered STN: 31 Oct 1987  
CN d-10-Camphorsulfonic acid, p-tolyl ester (6CI) (CA INDEX NAME)  
MF C17 H22 O4 S  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CAOLD  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 50 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 111031-99-3 REGISTRY  
 ED Entered STN: 31 Oct 1987  
 CN ~~d-10-Camphorsulfonic acid, o-tolyl ester (6CI)~~ (CA INDEX NAME)  
 MF C17 H22 O4 S  
 SR CAOLD  
 LC STN Files: BEILSTEIN\*, CAOLD  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

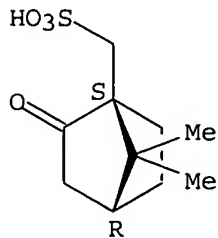
4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 51 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 110416-05-2 REGISTRY  
 ED Entered STN: 27 Sep 1987  
 CN 10-Camphorsulfonic acid, compd. with 4'-aminoacetanilide (6CI)  
 (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C10 H16 O4 S . C8 H10 N2 O  
 SR CAOLD  
 LC STN Files: BEILSTEIN\*, CAOLD  
 (\*File contains numerically searchable property data)

CM 1

CRN 3144-16-9  
 CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).

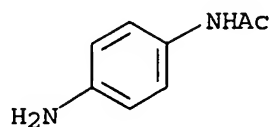




CM 2

CRN 122-80-5

CMF C8-H10-N2-O



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

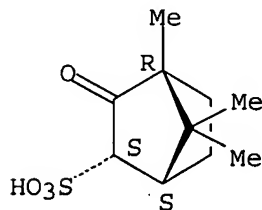
L2 ANSWER 52 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 110311-87-0 REGISTRY  
ED Entered STN: 19 Sep 1987  
CN **d-3-Camphorsulfonic acid, salt with 5-(2-chloroethyl)-4-methylthiazole (6Cl)** (CA INDEX NAME)  
FS STEREOSEARCH  
MF C10 H16 O4 S . C6 H8 Cl N S  
SR CAOLD  
LC STN Files: CAOLD

CM 1.

CRN 46365-22-4

CMF C10 H16 O4 S

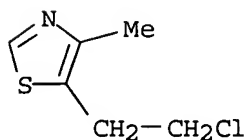
Absolute stereochemistry.



CM 2

CRN 533-45-9

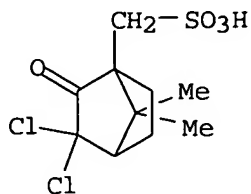
CMF C6 H8 Cl N S



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 53 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 110274-55-0 REGISTRY  
ED Entered STN: 12 Sep 1987

CN 10-Camphorsulfonic acid, 3,3-dichloro- (6CI) (CA INDEX NAME)  
 MF C10 H14 Cl2 O4 S  
 SR CAOLD  
 LC STN Files: CA, CAOLD, CAPLUS



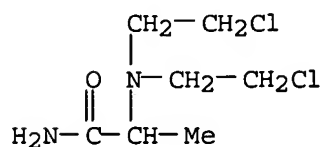
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 54 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 109815-80-7 REGISTRY  
 ED Entered STN: 15 Aug 1987  
 CN 10-Camphorsulfonic acid, compd. with 2-[bis(2-chloroethyl)amino]propionamide (6CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C10 H16 O4 S . C7 H14 Cl2 N2 O  
 SR CAOLD  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, TOXCENTER  
 (\*File contains numerically searchable property data)

CM 1

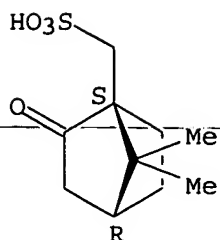
CRN 100608-10-4  
 CMF C7 H14 Cl2 N2 O



CM 2

CRN 3144-16-9  
 CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).

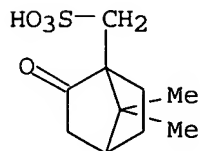


1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 55 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 109566-91-8 REGISTRY  
 ED Entered STN: 01 Aug 1987  
 CN **10-Camphorsulfonic acid, compd. with 2-piperidineethanol (6CI)**  
 (CA INDEX NAME)  
 MF C10 H16 O4 S . C7 H15 N O  
 SR CAOLD  
 LC STN Files: CAOLD

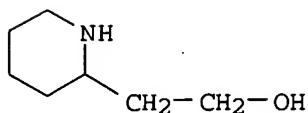
CM 1

CRN 5872-08-2  
 CMF C10 H16 O4 S



CM 2

CRN 1484-84-0  
 CMF C7 H15 N O

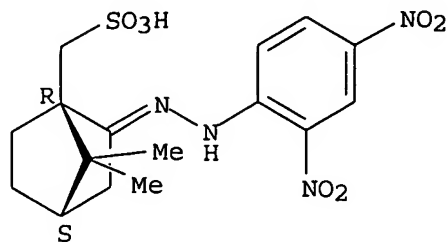


3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 56 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 109514-89-8 REGISTRY  
 ED Entered STN: 01 Aug 1987  
 CN **10-Camphorsulfonic acid, (2,4-dinitrophenyl)hydrazone (6CI)** (CA  
 INDEX NAME)  
 FS STEREOSEARCH  
 MF C16 H20 N4 O7 S  
 SR CAOLD  
 LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS

(\*File contains numerically searchable property data)

Absolute stereochemistry.  
Double bond geometry unknown.

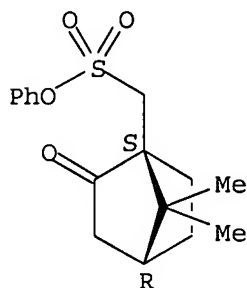


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 57 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 108885-08-1 REGISTRY  
ED Entered STN: 28 Jun 1987  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, phenyl ester, (1S,4R)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 10-Camphorsulfonic acid, phenyl ester, d- (6CI)  
FS STEREOSEARCH  
MF C16 H20 O4 S  
SR CAOLD  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).

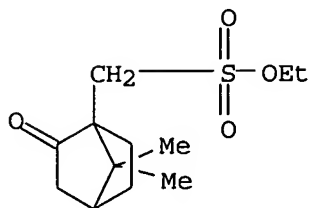


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 58 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 108481-13-6 REGISTRY  
ED Entered STN: 07 Jun 1987  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, ethyl

ester (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 10-Camphorsulfonic acid, ethyl ester (6CI)  
 FS 3D CONCORD  
 MF C12-H20-O4-S  
 SR CAOLD  
 LC STN Files: BEILSTEIN\*, CAOLD  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

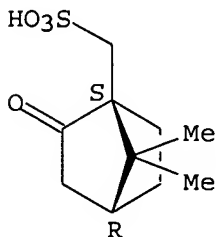
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 59 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 100850-44-0 REGISTRY  
 ED Entered STN: 15 Mar 1986  
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-, compd. with 2-aminoethanol (1:1) (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Ethanol, 2-amino-, (1S)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate (salt) (9CI)  
 OTHER NAMES:  
 CN Camphorsulfonic acid ethanolamine salt  
 FS STEREOSEARCH  
 MF C10 H16 O4 S . C2 H7 N O  
 SR CA  
 LC STN Files: CA, CAPLUS

CM 1

CRN 3144-16-9  
 CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 141-43-5

CMF C2 H7 N O

H<sub>2</sub>N-CH<sub>2</sub>-CH<sub>2</sub>-OH

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 60 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 100850-43-9 REGISTRY  
ED Entered STN: 15 Mar 1986  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-, compd. with N-methylmethanamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 10-Camphorsulfonic acid, compd. with Me<sub>2</sub>NH (6CI)  
CN Methanamine, N-methyl-, (1S)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate (9CI)

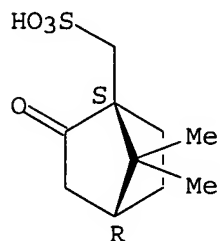
OTHER NAMES:

CN Camphorsulfonic acid dimethylamine salt  
FS STEREOSEARCH  
MF C<sub>10</sub> H<sub>16</sub> O<sub>4</sub> S . C<sub>2</sub> H<sub>7</sub> N  
SR CA  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS  
(\*File contains numerically searchable property data)

CM 1

CRN 3144-16-9  
CMF C<sub>10</sub> H<sub>16</sub> O<sub>4</sub> S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 124-40-3  
CMF C<sub>2</sub> H<sub>7</sub> N

H<sub>3</sub>C-NH-CH<sub>3</sub>

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 61 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 100850-42-8 REGISTRY  
ED Entered STN: 15 Mar 1986

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-, compd. with 2-propanamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propanamine, (1S)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate-(9CI)

OTHER NAMES:

CN **Camphorsulfonic acid isopropylamine salt**

FS STEREOSEARCH

MF C10 H16 O4 S . C3 H9 N

SR CA

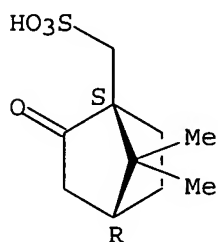
LC STN Files: CA, CAPLUS

CM 1

CRN 3144-16-9

CMF C10 H16 O4 S

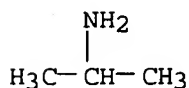
Absolute stereochemistry. Rotation (+).



CM 2

CRN 75-31-0

CMF C3 H9 N



3 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 62 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 100850-41-7 REGISTRY

ED Entered STN: 15 Mar 1986

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-, compd. with ethanamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **10-Camphorsulfonic acid, compd. with EtNH2 (6CI)**

CN Ethanamine, (1S)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate (9CI)

OTHER NAMES:

CN **Camphorsulfonic acid ethylamine salt**

FS STEREOSEARCH

MF C10 H16 O4 S . C2 H7 N

SR CA

LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS

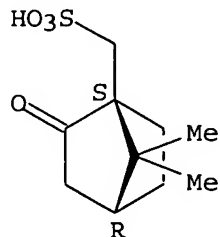
(\*File contains numerically searchable property data)

CM 1

CRN 3144-16-9

CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 75-04-7

CMF C2 H7 N

H<sub>3</sub>C-CH<sub>2</sub>-NH<sub>2</sub>

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 63 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 100850-40-6 REGISTRY

ED Entered STN: 15 Mar 1986

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-, compd. with methanamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 10-Camphorsulfonic acid, compd. with MeNH<sub>2</sub> (6CI)

CN Methanamine, (1S)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate (9CI)

OTHER NAMES:

CN Camphorsulfonic acid methylamine salt

FS STEREOSEARCH

MF C10 H16 O4 S . C H5 N

SR CA

LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS  
(\*File contains numerically searchable property data)

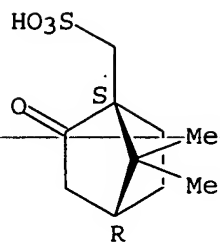
CM 1

CRN 3144-16-9

CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).





CM 2

CRN 74-89-5  
CMF C H5 N

H<sub>3</sub>C-NH<sub>2</sub>

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 64 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 62319-13-5 REGISTRY

ED Entered STN: 16 Nov 1984

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, methyl ester, (1S,4R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 10-Camphorsulfonic acid, methyl ester (6CI)

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, methyl ester, (1S)-

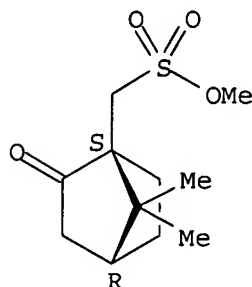
FS STEREOSEARCH

MF C11 H18 O4 S

CI COM

LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 65 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 56891-81-7 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-, compd. with 1-propanamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propanamine, (1S)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate (9CI)

OTHER NAMES:

CN **Camphorsulfonic acid propylamine salt**

FS STEREOSEARCH

MF C10 H16 O4 S . C3 H9 N

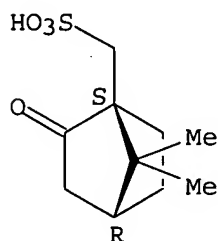
LC STN Files: CA, CAPLUS

CM 1

CRN 3144-16-9

CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 107-10-8

CMF C3 H9 N

H3C-CH2-CH2-NH2

3 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 66 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 56144-54-8 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3-bromo-7,7-dimethyl-2-oxo-, ammonium salt, (1S-endo)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **d-10-Camphorsulfonic acid, 3 $\alpha$ -bromo-, ammonium salt (6CI)**

OTHER NAMES:

CN Ammonium 3-bromo-D-camphor-7-sulfonate

FS STEREOSEARCH

MF C10 H15 Br O4 S . H3 N

LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CHEMLIST

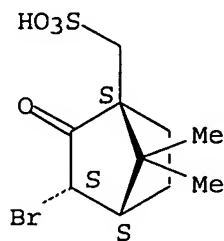
(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (67999-30-8)

Absolute stereochemistry. Rotation (+).



● NH<sub>3</sub>

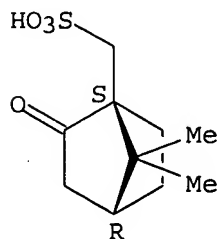
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 67 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 42569-46-0 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Benzoic acid, 4-amino-, 2-(diethylamino)ethyl ester, mono[(1S)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate] (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-, compd. with 2-(diethylamino)ethyl 4-aminobenzoate (1:1) (9CI)  
OTHER NAMES:  
CN 10-Camphorsulfonic acid diethylaminoethyl p-aminobenzoate  
FS STEREOSEARCH  
MF C13 H20 N2 O2 . C10 H16 O4 S  
LC STN Files: CA, CAPLUS

CM 1

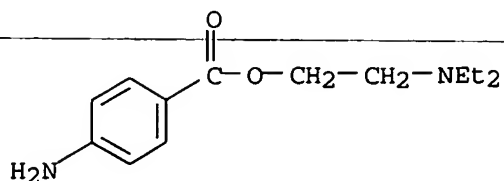
CRN 3144-16-9  
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



CM 2

CRN 59-46-1



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 68 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 35963-20-3 REGISTRY

ED Entered STN: 16 Nov 1984

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
(1R,4S)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1R)-

OTHER NAMES:

CN (-)- (1R)-7,7-Dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonic acid

CN (-)-10-Camphorsulfonic acid

CN (-)-Camphorsulfonic acid

CN (1R)- (-)-10-Camphorsulfonic acid

CN (1R)-10-Camphorsulfonic acid

CN (1R)-Camphorsulfonic acid

CN 1-10-Camphorsulfonic acid

CN 1-Camphorsulfonic acid

FS STEREOSEARCH

DR 137017-40-4, 46242-49-3, 376392-98-2

MF C10 H16 O4 S

CI COM

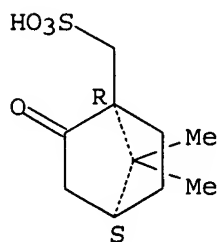
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CSChem, GMELIN\*, HODOC\*, MSDS-OHS, TOXCENTER,  
USPAT2, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (-).



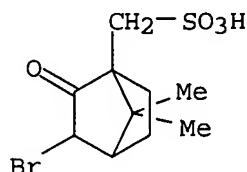
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

211 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

213 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 69 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 24262-38-2 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 3-bromo-7,7-dimethyl-2-oxo-  
 (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 10-Bornanesulfonic acid, 3-bromo-2-oxo- (8CI)  
 CN 10-Camphorsulfonic acid, 3-bromo- (5CI)  
 OTHER NAMES:  
 CN 3-Bromo-10-camphorsulfonic acid  
 FS 3D CONCORD  
 MF C10 H15 Br O4 S  
 CI COM  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHM,  
 IFICDB, IFIPAT, IFIUDB, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



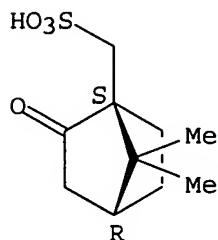
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

12 REFERENCES IN FILE CA (1907 TO DATE)  
 12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 70 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 21791-94-6 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, sodium  
 salt, (1S,4R)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 10-Bornanesulfonic acid, 2-oxo-, sodium salt, (+)- (8CI)  
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, sodium  
 salt, (1S)-  
 OTHER NAMES:  
 CN (+)-Sodium camphorsulfonate  
 CN d-Camphorsulfonic acid sodium salt  
 CN Sodium (+)-10-camphorsulfonate  
 CN Sodium 10-camphorsulfonate  
 CN Sodium camphorsulfonate  
 CN Sodium D-camphor-β-sulfonate  
 FS STEREOSEARCH  
 MF C10 H16 O4 S . Na  
 CI COM  
 LC STN Files: ANABSTR, BEILSTEIN\*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS,  
 CHEMLIST, CSCHM, IFICDB, IFIPAT, IFIUDB, IPA, TOXCENTER, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (3144-16-9)

Absolute stereochemistry. Rotation (+).

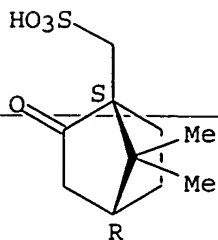


● Na

44 REFERENCES IN FILE CA (1907 TO DATE)  
44 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 71 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 14888-09-6 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
ammonium salt, (1S,4R)- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 10-Bornanesulfonic acid, 2-oxo-, ammonium salt (7CI)  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
ammonium salt, (1S)-  
CN **Camphorsulfonic acid, ammonium salt (8CI)**  
OTHER NAMES:  
CN Ammonium (+)-10-camphorsulfonate  
CN Ammonium camphorsulfonate  
CN Ammonium D-10-camphorsulfonate  
FS STEREOSEARCH  
DR 12294-17-6, 13867-85-1, 63039-10-1  
MF C10 H16 O4 S . H3 N  
CI COM  
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMLIST, CSCHEM, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
CRN (3144-16-9)

Absolute stereochemistry. Rotation (+).



● NH<sub>3</sub>

18 REFERENCES IN FILE CA (1907 TO DATE)  
 18 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 72 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 12261-97-1 REGISTRY

ED Entered STN: 16 Nov 1984

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-, compd. with 4-methyl-2-pyridinamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 10-Camphorsulfonic acid, compd. with 2-amino-4-picoline (1:1) (8CI)

CN 2-Pyridinamine, 4-methyl-, (1S)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate (9CI)

CN 2-Pyridinamine, 4-methyl-, mono[(1S)-7,7-dimethyl-2-oxobicyclo[2.2.1]heptane-1-methanesulfonate] (9CI)

OTHER NAMES:

CN 2-Amino-4-picoline camphorsulfonate

CN Aminopicoline camphorsulfonate

CN Piricardio

CN Varunax

CN Varunax camphorsulfonate

FS STEREOSEARCH

DR 16509-67-4

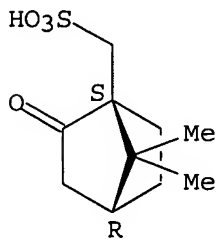
MF C10 H16 O4 S . C6 H8 N2

CM 1

CRN 3144-16-9

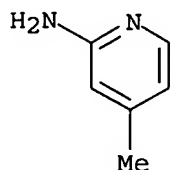
CMF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).

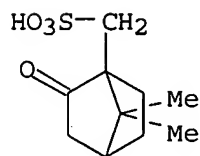


CM 2

CRN 695-34-1  
CMF C6 H8 N2



L2 ANSWER 73 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 5872-08-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo- (9CI)  
(CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 10-Bornanesulfonic acid, 2-oxo-, (±)- (8CI)  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (±)-  
OTHER NAMES:  
CN (±)-Camphor-10-sulfonic acid  
CN (±)-Camphorsulfonic acid  
CN (RS)-10-Camphorsulfonic acid  
CN 2-Oxo-10-bornanesulfonic acid  
CN Camphor-10-sulfonic acid  
CN DL-10-Camphorsulfonic acid  
CN DL-Camphorsulfonic acid  
FS 3D CONCORD  
DR 76-26-6, 6060-29-3, 27341-43-1  
MF C10 H16 O4 S  
CI COM  
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CEN,  
CHEMCATS, CHEMINFORMRX, CHEMLIST, CSChem, GMELIN\*, HODOC\*, IFICDB,  
IFIPAT, IFIUDb, MEDLINE, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER,  
USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

268 REFERENCES IN FILE CA (1907 TO DATE)  
268 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 74 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN



RN 5344-58-1 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Bicyclo[2.2.1]heptane-7-methanesulfonic acid, 3-bromo-1,7-dimethyl-2-oxo-,  
(1R,3S,4S,7R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 8-Bornanesulfonic acid, 3-bromo-2-oxo-, endo-(+)- (8CI)  
CN Bicyclo[2.2.1]heptane-7-methanesulfonic acid, 3-bromo-1,7-dimethyl-2-oxo-,  
[1R-(endo,anti)]-

OTHER NAMES:

CN (+)- $\alpha$ -Bromocamphor- $\pi$ -sulfonic acid  
CN (+)-3-Bromo-8-camphorsulfonic acid  
CN Camphor- $\pi$ -sulfonic acid,  $\alpha$ -bromo-, (+)-  
CN d- $\alpha$ -Bromocamphor- $\pi$ -sulfonate  
CN R-(+)-3-Bromocamphor-8-sulfonic acid

FS STEREOSEARCH

DR 14671-04-6, 21633-53-4, 51152-90-0, 68510-15-6, 29348-73-0, 46471-59-4

MF C10 H15 Br O4 S

CI COM

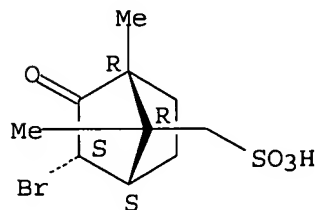
LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMLIST, GMELIN\*,  
TOXCENTER, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

26 REFERENCES IN FILE CA (1907 TO DATE)

26 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 75 OF 75 REGISTRY COPYRIGHT 2005 ACS on STN

RN 3144-16-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
(1S,4R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

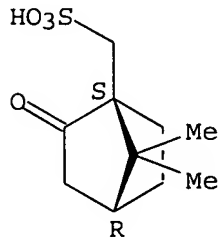
CN 10-Bornanesulfonic acid, 2-oxo-, (1S,4R)-(+)- (8CI)  
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-  
CN **Camphorsulfonic acid** (6CI)

OTHER NAMES:

CN (+)-(S)-Camphor-10-sulfonic acid  
CN (+)- $\beta$ -Camphorsulfonic acid  
CN (+)-2-Oxo-10-bornanesulfonic acid  
CN (+)-Camphor- $\omega$ -sulfonic acid  
CN (+)-Camphor-10-sulfonic acid  
CN (+)-Camphorsulfonic acid  
CN (+)-D-Camphor-10-sulfonic acid

CN (1S)-(+)-10-Camphorsulfonic acid  
 CN (1S)-10-Camphorsulfonic acid  
 CN (S)-(+)-Camphor-10-sulfonic acid  
 CN (S)-Camphor-10-sulfonic acid  
 CN ~~β-Camphorsulfonic acid, -(+)-~~  
 CN 2-Oxo-10-bornanesulfonic acid  
 CN Camphor-ω-sulfonic acid, (+)-  
 CN Camphor-10-sulfonic acid, (+)-  
 CN D-(+)-Camphor-10-sulfonic acid  
 CN D-(+)-Camphorsulfonic acid  
 CN d-10-Camphorsulfonic acid  
 CN D-Camphor-β-sulfonic acid  
 CN D-Camphor-10-sulfonic acid  
 CN d-Camphorsulfonic acid  
 CN D-Camphorsulfonic acid  
 CN Reychler's acid  
 FS STEREOSEARCH  
 DR 1300-83-0, 57564-99-5, 51018-95-2, 61380-66-3, 36408-79-4, 26637-28-5,  
 27457-20-1, 46471-65-2, 202256-79-9  
 MF C10 H16 O4 S  
 CI COM  
 LC STN Files: ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS,  
 CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DIOGENES,  
 EMBASE, GMELIN\*, HODOC\*, IFICDB, IFIPAT, IFIUDB, MRCK\*, PIRA, PROMT,  
 RTECS\*, SPECINFO, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1318 REFERENCES IN FILE CA (1907 TO DATE)  
 30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1320 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 18 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d his

(FILE 'HOME' ENTERED AT 15:51:57 ON 20 MAR 2005)

FILE 'REGISTRY' ENTERED AT 15:52:03 ON 20 MAR 2005

FILE 'REGISTRY' ENTERED AT 15:52:43 ON 20 MAR 2005

L1 5 S TAMSULOSIN  
 L2 75 S CAMPHORSULFONIC ACID  
 L3 STRUCTURE UPLOADED

L4 0 S L3  
L5 27 SEARCH L3 FULL  
L6 0 S L1 AND L2  
L7 0 S L1 AND L5

FILE 'CAPLUS' ENTERED AT 15:58:05 ON 20 MAR 2005

FILE 'REGISTRY' ENTERED AT 15:58:19 ON 20 MAR 2005

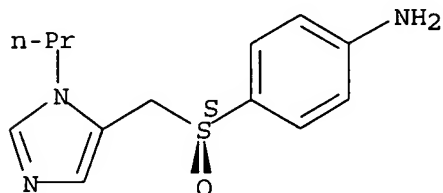
=> d 15

L5 ANSWER 1 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 597583-18-1 REGISTRY  
ED Entered STN: 03 Oct 2003  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ R)-,  
compd. with 4-[(S)-[(1-propyl-1H-imidazol-5-yl)methyl]sulfinyl]benzenamine  
(1:1) (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 N3 O7 . C13 H17 N3 O S  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 497223-38-8  
CMF C13 H17 N3 O S

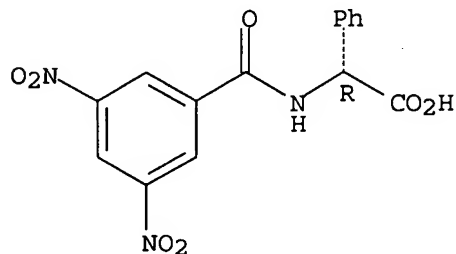
Absolute stereochemistry. Rotation (-).



CM 2

CRN 74927-72-3  
CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (-).



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 15 1-27

L5 ANSWER 1 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

~~RN 597583-18-1 REGISTRY~~

ED Entered STN: 03 Oct 2003

CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ R)-,  
compd. with 4-[(S)-[(1-propyl-1H-imidazol-5-yl)methyl]sulfinyl]benzenamine  
(1:1) (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C15 H11 N3 O7 . C13 H17 N3 O S

SR CA

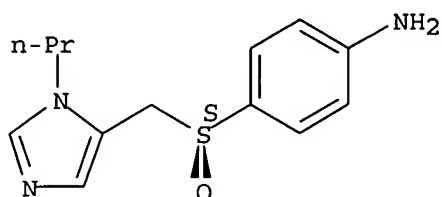
LC STN Files: CA, CAPLUS

CM 1

CRN 497223-38-8

CMF C13 H17 N3 O S

Absolute stereochemistry. Rotation (-).

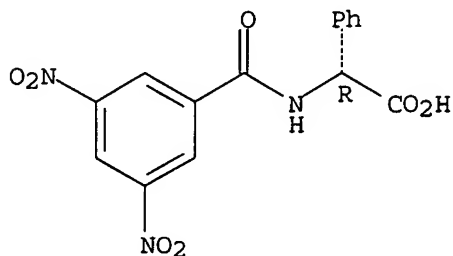


CM 2

CRN 74927-72-3

CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (-).



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

RN 441766-99-0 REGISTRY

ED Entered STN: 01 Aug 2002

CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ S)-,  
compd. with (+)-2,3-dihydro-2,2,4,6,7-pentamethyl-3-[4-(1-  
methylethyl)phenyl]-5-benzofuranamine (2:1) (9CI) (CA INDEX NAME)

FS STEREOSEARCH

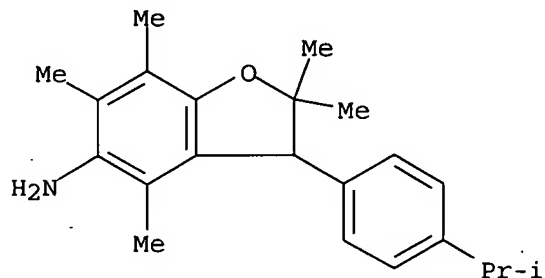
MF C22 H29 N O . 2 C15 H11 N3 O7

SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 274907-75-4  
CMF C22 H29 N O

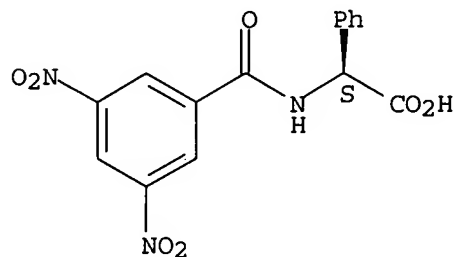
Rotation (+).



CM 2

CRN 90761-62-9  
CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (+).



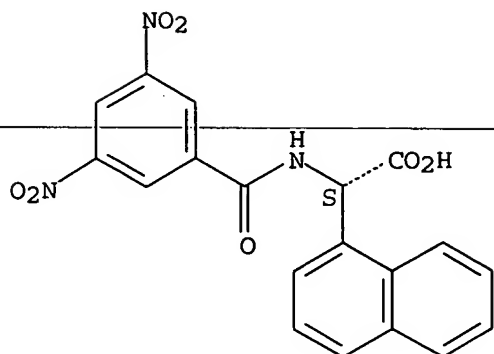
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 359861-75-9 REGISTRY  
ED Entered STN: 03 Oct 2001  
CN 1-Naphthaleneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-,  
( $\alpha$ S) - (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (S)-N-(3,5-Dinitrobenzoyl)-1-naphthylglycine  
FS STEREOSEARCH  
MF C19 H13 N3 O7  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 258344-97-7 REGISTRY  
ED Entered STN: 07 Mar 2000  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ S)-,  
compd. with N,N-dimethyl-1H-pyrrole-1-propanamine (1:1) (9CI) (CA INDEX  
NAME)

OTHER CA INDEX NAMES:

CN 1H-Pyrrole-1-propanamine, N,N-dimethyl-, mono[( $\alpha$ S)- $\alpha$ -[(3,5-  
dinitrobenzoyl)amino]benzeneacetate] (9CI)

FS STEREOSEARCH

MF C15 H11 N3 O7 . C9 H16 N2

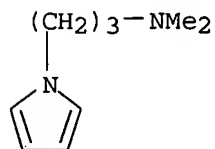
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 100383-86-6

CMF C9 H16 N2

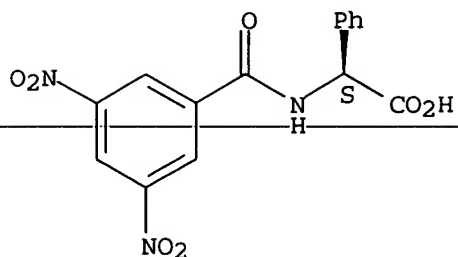


CM 2

CRN 90761-62-9

CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (+).



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 5 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 258344-95-5 REGISTRY  
ED Entered STN: 07 Mar 2000  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ R)-, compd. with N,N-dimethyl-1H-pyrrole-1-propanamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1H-Pyrrole-1-propanamine, N,N-dimethyl-, mono[( $\alpha$ R)- $\alpha$ -[(3,5-dinitrobenzoyl)amino]benzeneacetate] (9CI)

FS STEREOSEARCH

MF C15 H11 N3 O7 . C9 H16 N2

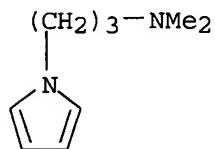
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 100383-86-6

CMF C9 H16 N2

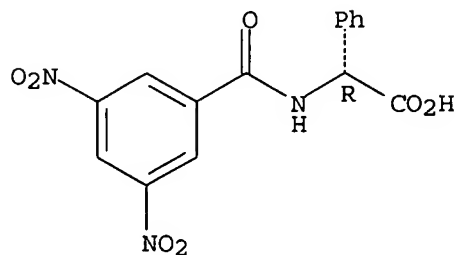


CM 2

CRN 74927-72-3

CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (-).



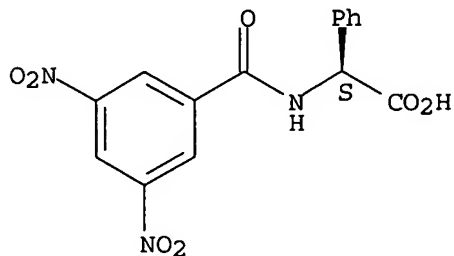
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 6 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 258344-93-3 REGISTRY  
ED Entered STN: 07 Mar 2000  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ S)-,  
compd. with N,N-diethylethanamine (1:1) (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 N3 O7 . C6 H15 N  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

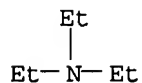
CRN 90761-62-9  
CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (+).



CM 2

CRN 121-44-8  
CMF C6 H15 N



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

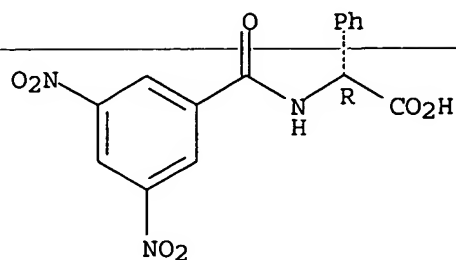
L5 ANSWER 7 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 258344-91-1 REGISTRY  
ED Entered STN: 07 Mar 2000  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ R)-,  
compd. with N,N-diethylethanamine (1:1) (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 N3 O7 . C6 H15 N  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 74927-72-3  
CMF C15 H11 N3 O7



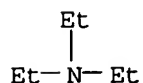
Absolute stereochemistry. Rotation (-).



CM 2

CRN 121-44-8

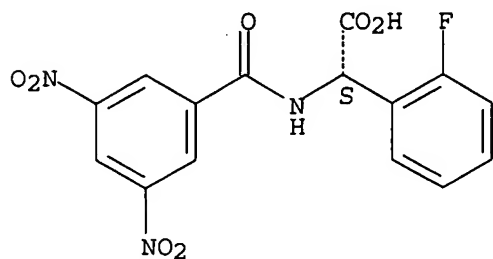
CMF C6 H15 N



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 8 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 250218-86-1 REGISTRY  
ED Entered STN: 07 Dec 1999  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-2-fluoro-,  
( $\alpha$ S) - (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H10 F N3 O7  
SR CA  
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



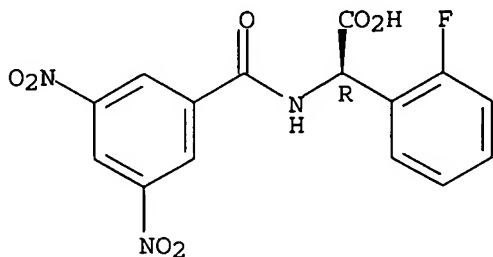
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 9 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 250218-85-0 REGISTRY

ED Entered STN: 07 Dec 1999  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-2-fluoro-,  
( $\alpha$ R) - (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15\_H10\_F\_N3\_O7  
SR CA  
LC STN Files: CA, CAPLUS

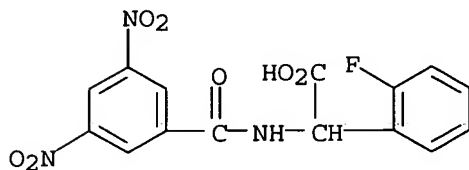
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 10 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 250218-84-9 REGISTRY  
ED Entered STN: 07 Dec 1999  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-2-fluoro- (9CI)  
(CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H10 F N3 O7  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 11 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 212838-72-7 REGISTRY  
ED Entered STN: 18 Oct 1998  
CN Benzeneacetic acid,  $\alpha$ -amino-2-chloro-, methyl ester, ( $\alpha$ S)-,  
( $\alpha$ R)- $\alpha$ -[(3,5-dinitrobenzoyl)amino]benzeneacetate (9CI) (CA  
INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ R)-,

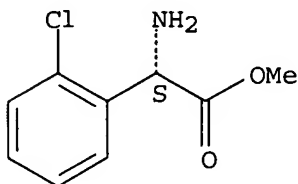
compd. with methyl (αS)-α-amino-2-chlorobenzeneacetate (1:1)  
(9CI)

FS STEREOSEARCH  
MF C15 H11 N3 O7 . C9 H10 Cl N O2  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 141109-14-0  
CMF C9 H10 Cl N O2

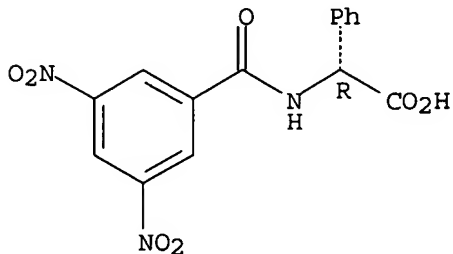
Absolute stereochemistry. Rotation (+).



CM 2

CRN 74927-72-3  
CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (-).



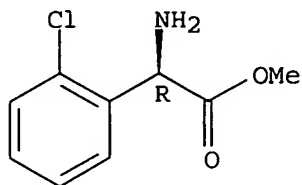
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 12 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 212838-69-2 REGISTRY  
ED Entered STN: 18 Oct 1998  
CN Benzeneacetic acid, α-amino-2-chloro-, methyl ester, (αR)-,  
(αS)-α-[(3,5-dinitrobenzoyl)amino]benzeneacetate (9CI) (CA  
INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzeneacetic acid, α-[(3,5-dinitrobenzoyl)amino]-, (αS)-,  
compd. with methyl (αR)-α-amino-2-chlorobenzeneacetate (1:1)  
(9CI)  
FS STEREOSEARCH  
MF C15 H11 N3 O7 . C9 H10 Cl N O2  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 141109-16-2  
CMF C9 H10 Cl N O2

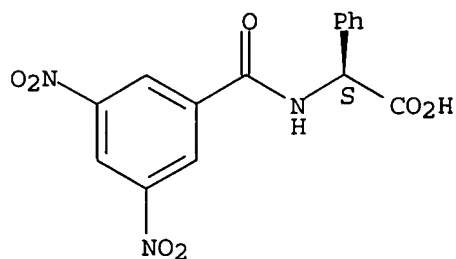
Absolute stereochemistry. Rotation (-).



CM 2

CRN 90761-62-9  
CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (+).



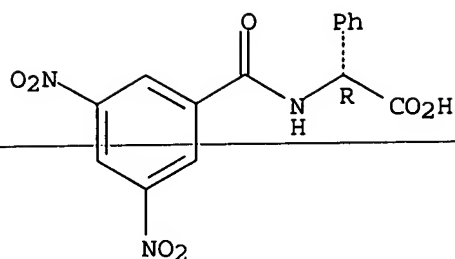
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 13 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 178969-21-6 REGISTRY  
ED Entered STN: 01 Aug 1996  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, (R)-, compd.  
with ethenamine (1:1) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Ethenamine, (R)- $\alpha$ -[(3,5-dinitrobenzoyl)amino]benzeneacetate (9CI)  
FS STEREOSEARCH  
MF C15 H11 N3 O7 . C2 H5 N  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 74927-72-3  
CMF C15 H11 N3 O7

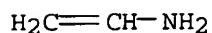
Absolute stereochemistry. Rotation (-).



CM 2

CRN 593-67-9

CMF C2 H5 N



- 1 REFERENCES IN FILE CA (1907 TO DATE)
- 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
- 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 14 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

RN 126850-12-2 REGISTRY \*

\* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN\* at an online arrow prompt (=>).

ED Entered STN: 27 Apr 1990

CN Silica gel, reaction products with 3-(triethoxysilyl)-1-propanamine and α-[(3,5-dinitrobenzoyl)amino]benzeneacetic acid (CA INDEX NAME)

MF C15 H11 N3 O7 . C9 H23 N O3 Si . Unspecified

AF Unspecified

CI MAN, CTS

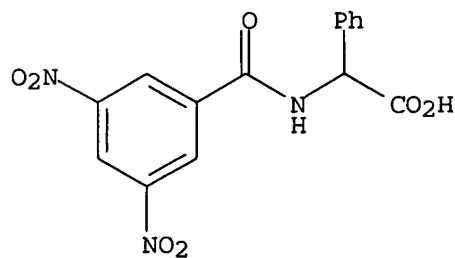
SR CAS Client Services

THE COMPLETE SUBSTANCE MAY NOT BE REPRESENTED BY THESE COMPONENTS. CHECK THE CN OR IN FIELD FOR THE COMPLETE SUBSTANCE DESCRIPTION.

CM 1

CRN 74958-71-7

CMF C15 H11 N3 O7



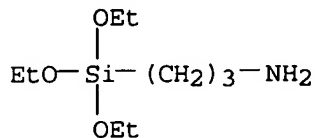
CM 2

CRN 63231-67-4  
CMF Unspecified  
CCI MAN, CTS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM 3

CRN 919-30-2  
CMF C9 H23 N O3 Si



L5 ANSWER 15 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 126850-09-7 REGISTRY \*

\* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP, RN\* at an online arrow prompt (=>).

ED Entered STN: 27 Apr 1990

CN Silica gel, reaction products with 3-(triethoxysilyl)-1-propanamine, compds. with  $\alpha$ -[(3,5-dinitrobenzoyl)amino]benzeneacetic acid (CA INDEX NAME)

MF C15 H11 N3 O7 . C9 H23 N O3 Si . Unspecified

AF Unspecified

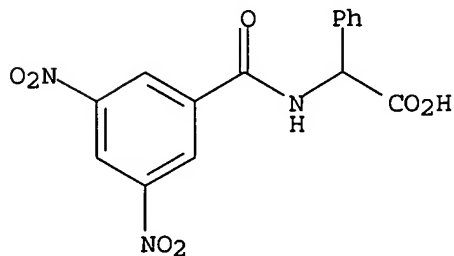
CI MAN, CTS

SR CAS Client Services

THE COMPLETE SUBSTANCE MAY NOT BE REPRESENTED BY THESE COMPONENTS. CHECK THE CN OR IN FIELD FOR THE COMPLETE SUBSTANCE DESCRIPTION.

CM 1

CRN 74958-71-7  
CMF C15 H11 N3 O7



CM 2

CRN 63231-67-4  
CMF Unspecified

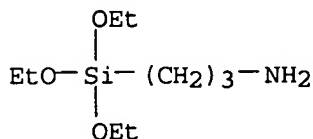
CCI MAN, CTS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

CM-3

CRN 919-30-2

CMF C9 H23 N O3 Si



L5 ANSWER 16 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

RN 122872-14-4 REGISTRY

ED Entered STN: 29 Sep 1989

CN 1-Naphthaleneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, (R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Naphthaleneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, (R)-

OTHER NAMES:

CN (R)-N-(3,5-Dinitrobenzoyl)-1-naphthylglycine

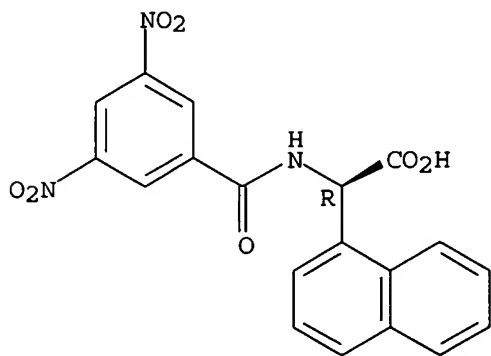
FS STEREOSEARCH

MF C19 H13 N3 O7

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

5 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

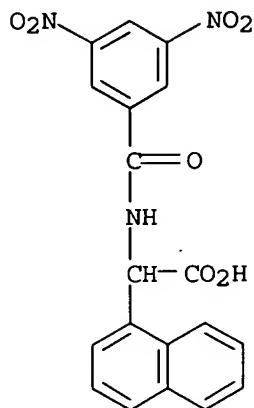
L5 ANSWER 17 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

RN 121216-83-9 REGISTRY

ED Entered STN: 23 Jun 1989

CN 1-Naphthaleneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]- (9CI) (CA INDEX NAME)

DR 74928-57-7  
MF C19 H13 N3 O7  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

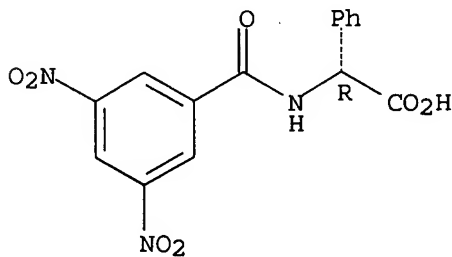
2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 18 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 102073-88-1 REGISTRY  
ED Entered STN: 10 May 1986  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, (R)-, compd.  
with methanamine (1:1) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Methanamine, (R)- $\alpha$ -[(3,5-dinitrobenzoyl)amino]benzeneacetate (9CI)  
FS STEREOSEARCH  
MF C15 H11 N3 O7 . C H5 N  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 74927-72-3  
CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (-).



CM 2



CRN 74-89-5  
CMF C H5 N

H<sub>3</sub>C-NH<sub>2</sub>

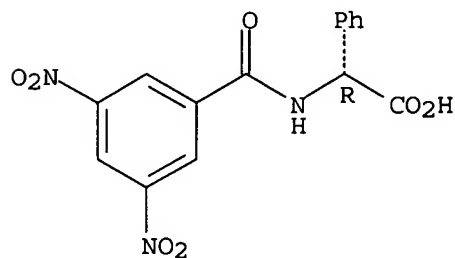
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 19 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 101534-43-4 REGISTRY  
ED Entered STN: 19 Apr 1986  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, (R)-, compd.  
with (S)- $\alpha$ -methyl-1-naphthalenemethanamine (1:1) (9CI) (CA INDEX  
NAME)  
OTHER CA INDEX NAMES:  
CN 1-Naphthalenemethanamine,  $\alpha$ -methyl-, (S)-, (R)- $\alpha$ -[(3,5-  
dinitrobenzoyl)amino]benzeneacetate (9CI)  
FS STEREOSEARCH  
MF C15 H11 N3 O7 . C12 H13 N  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

CRN 74927-72-3  
CMF C15 H11 N3 O7

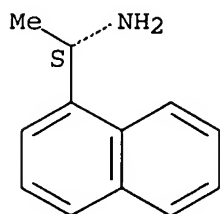
Absolute stereochemistry. Rotation (-).



CM 2

CRN 10420-89-0  
CMF C12 H13 N

Absolute stereochemistry. Rotation (-).



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 20 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

RN 101534-42-3 REGISTRY

ED Entered STN: 19 Apr 1986

CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, (R)-, compd.  
with (S)- $\alpha$ -methylbenzenemethanamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenemethanamine,  $\alpha$ -methyl-, (S)-, (R)- $\alpha$ -[(3,5-dinitrobenzoyl)amino]benzeneacetate (9CI)

FS STEREOSEARCH

MF C15 H11 N3 O7 . C8 H11 N

SR CA

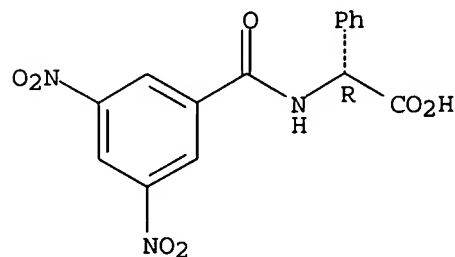
LC STN Files: CA, CAPLUS

CM 1

CRN 74927-72-3

CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (-).

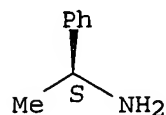


CM 2

CRN 2627-86-3

CMF C8 H11 N

Absolute stereochemistry. Rotation (-).



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 21 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

RN 101534-41-2 REGISTRY

ED Entered STN: 19 Apr 1986

CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, (R)-, compd.  
with 2-methyl-2-propanamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Propanamine, 2-methyl-, (R)- $\alpha$ -[(3,5-dinitrobenzoyl)amino]benzeneacetate (9CI)

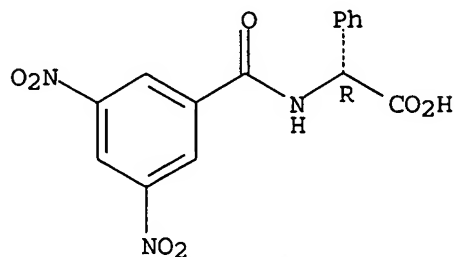
FS STEREOSEARCH

MF C15 H11 N3 O7 . C4 H11 N  
SR CA  
LC STN Files: CA, CAPLUS

CM 1

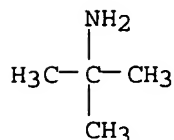
CRN 74927-72-3  
CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (-).



CM 2

CRN 75-64-9  
CMF C4 H11 N



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 22 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 101534-39-8 REGISTRY  
ED Entered STN: 19 Apr 1986  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, (R)-, compd.  
with 1-dodecanamine (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Dodecanamine, (R)- $\alpha$ -[(3,5-dinitrobenzoyl)amino]benzeneacetate  
(9CI)

FS STEREOSEARCH

MF C15 H11 N3 O7 . C12 H27 N

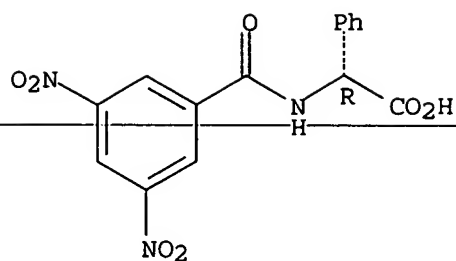
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 74927-72-3  
CMF C15 H11 N3 O7

Absolute stereochemistry. Rotation (-).



CM 2

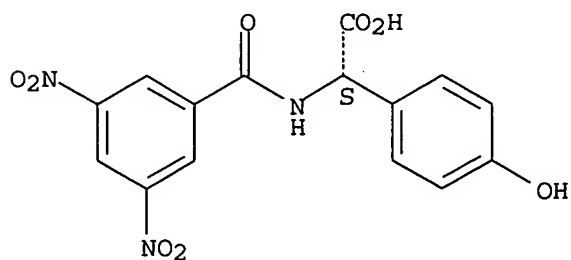
CRN 124-22-1  
CMF C12 H27 N

H<sub>2</sub>N-(CH<sub>2</sub>)<sub>11</sub>-Me

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 23 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 90761-63-0 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Benzeneacetic acid, α-[(3,5-dinitrobenzoyl)amino]-4-hydroxy-, (S)-  
(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H11 N3 O8  
LC STN Files: BEILSTEIN\*, CA, CAPLUS  
(\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 24 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 90761-62-9 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Benzeneacetic acid, α-[(3,5-dinitrobenzoyl)amino]-, (αS)-  
(9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzeneacetic acid, α-[(3,5-dinitrobenzoyl)amino]-, (S)-

OTHER NAMES:

CN N-(3,5-Dinitrobenzoyl)-L-phenylglycine

FS STEREOSEARCH

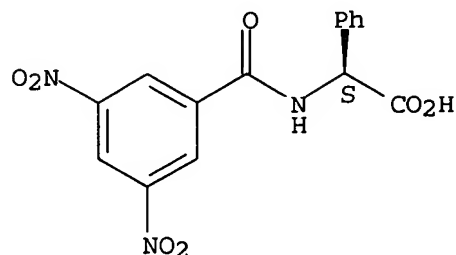
MF C15 H11 N3 O7

CI COM

LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS, CSChem, MSDS-OHS,  
TOXCENTER, USPATFULL

(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

46 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
46 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 25 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

RN 90697-06-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-4-hydroxy- (9CI)  
(CA INDEX NAME)

OTHER CA INDEX NAMES:

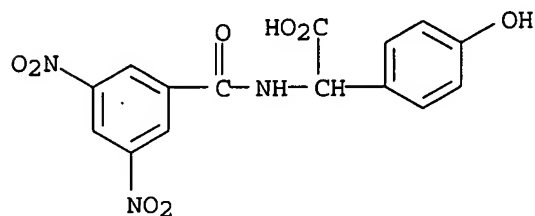
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-4-hydroxy-,  
( $\pm$ ) -

FS 3D CONCORD

MF C15 H11 N3 O8

LC STN Files: BEILSTEIN\*, CA, CAPLUS

(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

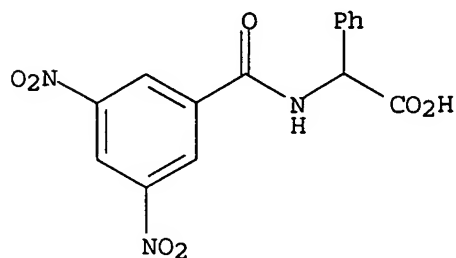
2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 26 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

RN 74958-71-7 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]- (9CI) (CA INDEX NAME)

OTHER-CA-INDEX-NAMES:

CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\pm$ )-  
OTHER NAMES:  
CN 3,5-Dinitro- $\alpha$ -phenylhippuric acid  
CN N-(3,5-Dinitrobenzoyl)-DL-phenylglycine  
DR 92849-88-2  
MF C15 H11 N3 O7  
CI COM  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

43 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
43 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 27 OF 27 REGISTRY COPYRIGHT 2005 ACS on STN

RN 74927-72-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, (R)-

OTHER NAMES:

CN (R)-(-)-N-(3,5-Dinitrobenzoyl)- $\alpha$ -phenylglycine  
CN (R)-N-(3,5-Dinitrobenzoyl)phenylglycine  
CN 3,5-Dinitrobenzoyl-D- $\alpha$ -phenylglycine  
CN N-(3,5-Dinitrobenzoyl)-D- $\alpha$ -phenylglycine  
CN N-(3,5-Dinitrobenzoyl)-D-phenylglycine

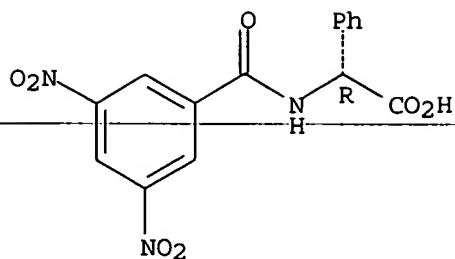
FS STEREOSEARCH

MF C15 H11 N3 O7

CI COM

LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, EMBASE, MEDLINE, PROMT, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

141 REFERENCES IN FILE CA (1907 TO DATE)  
 51 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 141 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
190.38	371.88

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:59:44 ON 20 MAR 2005  
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 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 20 Mar 2005 VOL 142 ISS 13  
 FILE LAST UPDATED: 18 Mar 2005 (20050318/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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(FILE 'HOME' ENTERED AT 15:51:57 ON 20 MAR 2005)

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FILE 'REGISTRY' ENTERED AT 15:52:43 ON 20 MAR 2005

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L2	75 S CAMPHORSULFONIC ACID
L3	STRUCTURE UPLOADED
L4	0 S L3
L5	27 SEARCH L3 FULL
L6	0 S L1 AND L2

L7

0 S L1 AND L5

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~~FILE 'REGISTRY' ENTERED AT 15:58:19 ON 20 MAR 2005~~

FILE 'CAPLUS' ENTERED AT 15:59:44 ON 20 MAR 2005

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396 L1

1715 L2

L8

3 L1 AND L2

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L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:60239 CAPLUS

DN 140:117394

TI Method of separating R(-)- and S(+)-5-[2-((2-ethoxyphenoxy)ethyl)amino]propyl-2-methoxybenzene-sulfonamide

IN Blanco Fernandez, Cristina; Lorente Bonde-Larsen, Antonio; Martin Juarez, Jorge; Silva Guisasola, Luis Octavio

PA Ragactives, S.L., Spain

SO PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DT Patent

LA Spanish

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004006829	A2	20040122	WO 2003-ES357	20030711
	WO 2004006829	A3	20040408		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				ES 2002-1638	A 20020712
	ES 2200699	A1	20040301	ES 2002-1638	20020712
	US 2005004398	A1	20050106	US 2004-799909	20040312
				ES 2002-1638	A 20020712
				WO 2003-ES357	A1 20030711

AB The invention relates to a method of separating enantiomers R(-)- and S(+)-5-(2-((2-ethoxyphenoxy)ethyl)amino)propyl-2-methoxybenzenesulfonamide. The inventive method consists in: (a) reacting a mixture of the aforementioned enantiomers with an optically-active organic acid in order to form diastereoisomer salts with the enantiomers, where said diastereoisomer salts have a distinct solubility and can be separated by means

of crystallization; (b) separating the enriched mixture of diastereoisomer salts in the

salt of one of the enantiomers; and (c) releasing said salts in order to obtain enantiomer R(-)- or S(+)-. The R(-)-5-(2-((2-ethoxyphenoxy)ethyl)amino)propyl-2-methoxybenzenesulfonamide enantiomer has an  $\alpha$ -adrenergic blocking activity and can be used as a suitable



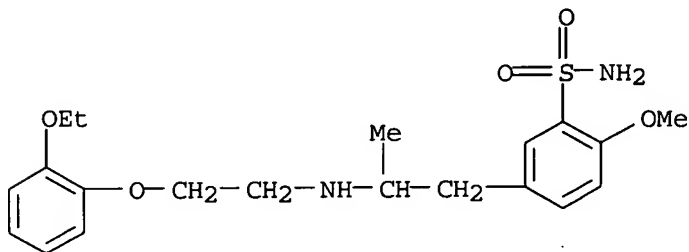
antihypertensive agent for the treatment of congestive cardiac insufficiency and benign prostate hypertrophy.

IT 94666-07-6

RL: AMX (Analytical matrix); PEP (Physical, engineering or chemical process); ~~PYP (Physical process); THU (Therapeutic use); ANST (Analytical study);~~ BIOL (Biological study); PROC (Process); USES (Uses) (method of separating R(-)- and S(+)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzene-sulfonamide)

RN 94666-07-6 CAPLUS

CN Benzenesulfonamide, 5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy- (9CI) (CA INDEX NAME)



IT 3144-16-9, D-10-Camphorsulfonic acid 35963-20-3

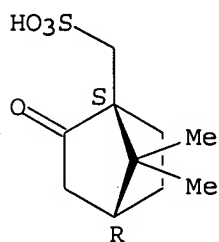
RL: ARG (Analytical reagent use); PEP (Physical, engineering or chemical process); PYP (Physical process); ANST (Analytical study); PROC (Process); USES (Uses)

(method of separating R(-)- and S(+)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzene-sulfonamide)

RN 3144-16-9 CAPLUS

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S,4R)- (9CI) (CA INDEX NAME)

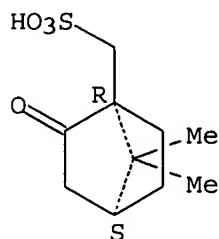
Absolute stereochemistry. Rotation (+).



RN 35963-20-3 CAPLUS

CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT 106133-20-4P 106138-88-9P

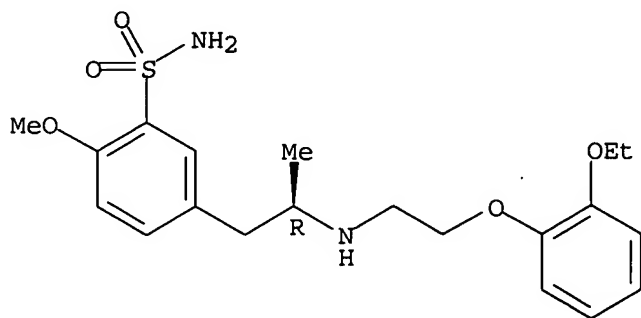
RL: PEP (Physical, engineering or chemical process); PUR (Purification or recovery); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)

(method\_of\_separating\_R(-)-and\_S(+)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzene-sulfonamide)

RN 106133-20-4 CAPLUS

CN Benzenesulfonamide, 5-[(2R)-2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy- (9CI) (CA INDEX NAME)

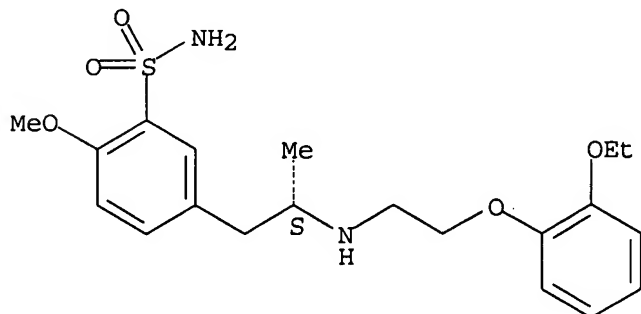
Absolute stereochemistry. Rotation (-).



RN 106138-88-9 CAPLUS

CN Benzenesulfonamide, 5-[(2S)-2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2003:356406 CAPLUS

DN 138:368611

TI Methods for the preparation of racemic tamsulosin free base and its resolution

IN Hoorn, Hans Jan; Peters, Theodorus Hendricus Antonius; Pis, Jaroslav

PA Synthron B.V., Neth.

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003037851	A1	20030508	WO 2002-NL660	20021017

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
US 2003109752	A1	20030612	US 2002-208009		20020731
US 6835853	B2	20041228			
			US 2001-330817P	P	20011031
NL 1021671	C2	20030515	NL 2002-1021671		20021016
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
NL 1021678	C2	20030515	NL 2002-1021678		20021017
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			US 2002-208009	A	20020731
EP 1444199	A1	20040811	EP 2002-768175		20021017
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK					
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
			WO 2002-NL660	W	20021017
FR 2832146	A1	20030516	FR 2002-13667		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
FR 2832147	A1	20030516	FR 2002-13668		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
DE 20216779	U1	20031009	DE 2002-20216779		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
DE 20216835	U1	20031030	DE 2002-20216835		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731

PATENT FAMILY INFORMATION:

FAN 2003:356405

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003037850	A1	20030508	WO 2002-NL657	20021015
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2001-330817P	P 20011031
				US 2002-208009	A 20020731
	US 2003109752	A1	20030612	US 2002-208009	20020731
	US 6835853	B2	20041228		
				US 2001-330817P	P 20011031
	EP 1444198	A1	20040811	EP 2002-768172	20021015

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK

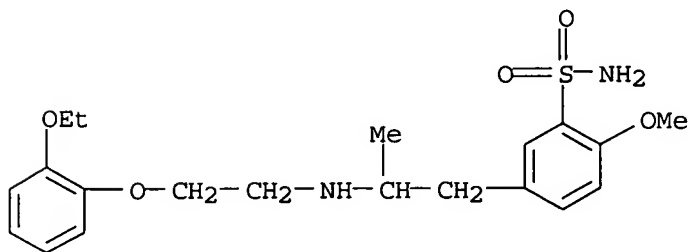
			US 2001-330817P	P	20011031
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NL 1021671	C2	20030515	NL 2002-1021671		20021016
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
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FR 2832146	A1	20030516	FR 2002-13667		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
FR 2832147	A1	20030516	FR 2002-13668		20021031
			US 2001-330817P	P	20011031
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DE 20216779	U1	20031009	DE 2002-20216779		20021031
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			US 2002-208009	A	20020731
DE 20216835	U1	20031030	DE 2002-20216835		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731

AB Racemic tamsulosin free base is obtained in solid form and the solid form can be formed by precipitating racemic tamsulosin free base from a solvent that comprises at least one of water or a lower alc. The crystalline free base exhibits polymorphism and two unique forms are identified. Novel intermediates are disclosed useful in the production of tamsulosin free base: a sulfonic acid salt of 2-(2-ethoxyphenoxy)ethylamine and (3-aminosulfonyl-4-methoxy)phenylacetone. Tamsulosin hydrochloride is also resolved into its R- and S-enantiomers using (-)- and (+)-camphor-10-sulfonic acid, fractional crystallization, base neutralization and salification with aqueous HCl.

IT **94666-07-6P**  
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(methods for the preparation of racemic tamsulosin free base and its resolution)

RN 94666-07-6 CAPLUS

CN Benzenesulfonamide, 5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy- (9CI) (CA INDEX NAME)

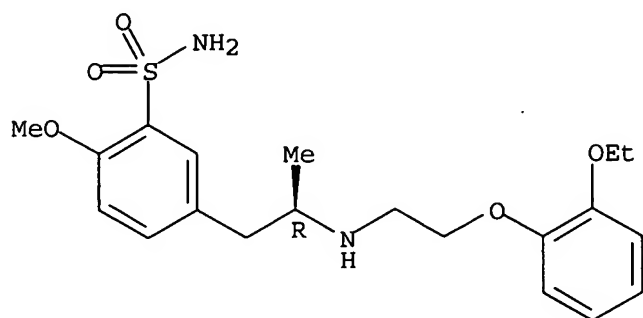


IT **106463-17-6P**, Tamsulosin hydrochloride  
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(methods for the preparation of racemic tamsulosin free base and its resolution)

RN 106463-17-6 CAPLUS

CN Benzenesulfonamide, 5-[(2R)-2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy-, monohydrochloride (9CI) (CA INDEX NAME)

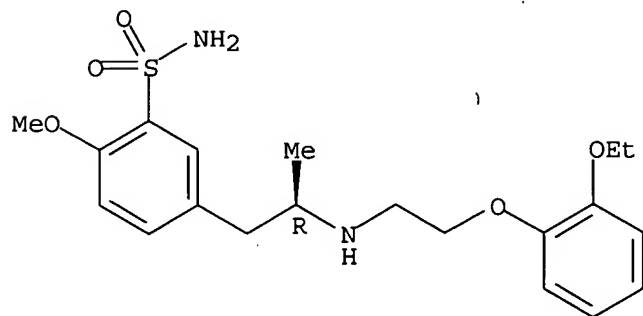
Absolute stereochemistry. Rotation (-).



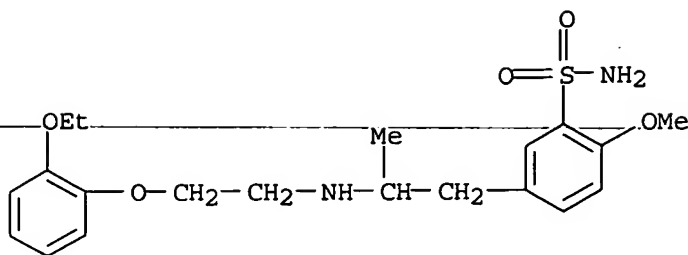
● HCl

IT 106133-20-4P, Tamsulosin  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(methods for the preparation of racemic tamsulosin free base and its resolution)  
RN 106133-20-4 CAPLUS  
CN Benzenesulfonamide, 5-[(2R)-2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



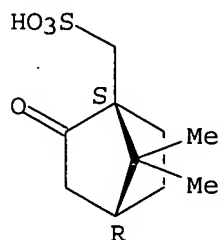
IT 80223-99-0P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(methods for the preparation of racemic tamsulosin free base from)  
RN 80223-99-0 CAPLUS  
CN Benzenesulfonamide, 5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

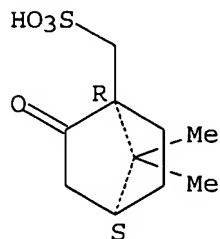
IT 3144-16-9, (+)-Camphor-10-sulfonic acid 35963-20-3,  
 (-)-Camphor-10-sulfonic acid  
 RL: RCT (Reactant); RGT (Reagent); RACT (Reactant or reagent)  
 (resolution of tamsulosin using)  
 RN 3144-16-9 CAPLUS  
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
 (1S,4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



RN 35963-20-3 CAPLUS  
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
 (1R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2003:356405 CAPLUS  
 DN 138:368610  
 TI Process for resolution of tamsulosin using (-)- or (+)-camphor-10-sulfonic  
 acid and fractional crystallization  
 IN Hoorn, Hans Jan; Peters, Theodorus Hendricus Antonius; Pis, Jaroslav;

Scigel, Radim  
PA Synthon B.V., Neth.  
SO PCT Int. Appl., 42 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003037850	A1	20030508	WO 2002-NL657	20021015
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2001-330817P	P 20011031
				US 2002-208009	A 20020731
	US 2003109752	A1	20030612	US 2002-208009	20020731
	US 6835853	B2	20041228		
				US 2001-330817P	P 20011031
	EP 1444198	A1	20040811	EP 2002-768172	20021015
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
				US 2001-330817P	P 20011031
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				WO 2002-NL657	W 20021015
NL 1021671		C2	20030515	NL 2002-1021671	20021016
				US 2001-330817P	P 20011031
				US 2002-208009	A 20020731
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				US 2001-330817P	P 20011031
				US 2002-208009	A 20020731
FR 2832146		A1	20030516	FR 2002-13667	20021031
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				US 2002-208009	A 20020731
FR 2832147		A1	20030516	FR 2002-13668	20021031
				US 2001-330817P	P 20011031
				US 2002-208009	A 20020731
DE 20216779		U1	20031009	DE 2002-20216779	20021031
				US 2001-330817P	P 20011031
				US 2002-208009	A 20020731
DE 20216835		U1	20031030	DE 2002-20216835	20021031
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				US 2002-208009	A 20020731

PATENT FAMILY INFORMATION:

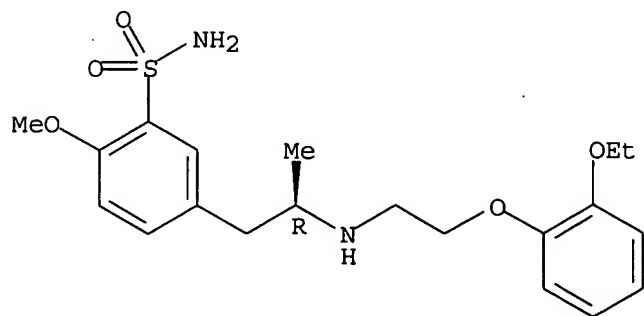
FAN 2003:356406

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

			US 2001-330817P	P	20011031
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US 2003109752	A1	20030612	US 2002-208009		20020731
US 6835853	B2	20041228			
			US 2001-330817P	P	20011031
NL 1021671	C2	20030515	NL 2002-1021671		20021016
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
NL 1021678	C2	20030515	NL 2002-1021678		20021017
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
EP 1444199	A1	20040811	EP 2002-768175		20021017
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			US 2001-330817P	P	20011031
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FR 2832146	A1	20030516	FR 2002-13667		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
FR 2832147	A1	20030516	FR 2002-13668		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
DE 20216779	U1	20031009	DE 2002-20216779		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
DE 20216835	U1	20031030	DE 2002-20216835		20021031
			US 2001-330817P	P	20011031
			US 2002-208009	A	20020731
AB	Optically impure tamsulosin including racemic tamsulosin can be resolved into optically pure (R)- or (S)-tamsulosin by the use of diastereomeric sulfonate salts of tamsulosin [e.g., (R)- or (S)-tamsulosin (-)- or (+)-camphor-10-sulfonates, resp.] in a fractional crystallization technique.				
IT	106133-20-4P, Tamsulosin RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (process for resolution of tamsulosin using (-)- or (+)-camphor-10-sulfonic acid and fractional crystallization)				
RN	106133-20-4 CAPLUS				
CN	Benzenesulfonamide, 5-[(2R)-2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy- (9CI) (CA INDEX NAME)				

Absolute stereochemistry. Rotation (-).



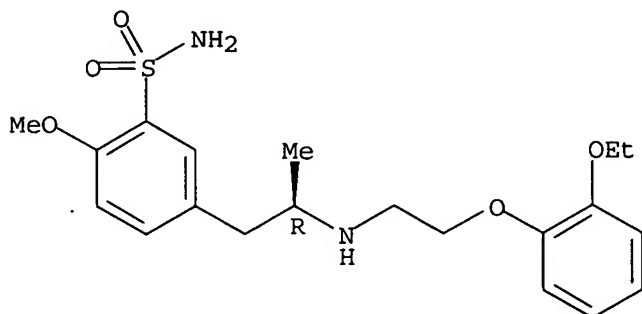


IT **106463-17-6P**, Tamsulosin hydrochloride  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (process for resolution of tamsulosin using (-)- or (+)-camphor-10-  
 sulfonic acid and fractional crystallization)

RN **106463-17-6** CAPLUS

CN Benzenesulfonamide, 5-[(2R)-2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-  
 methoxy-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

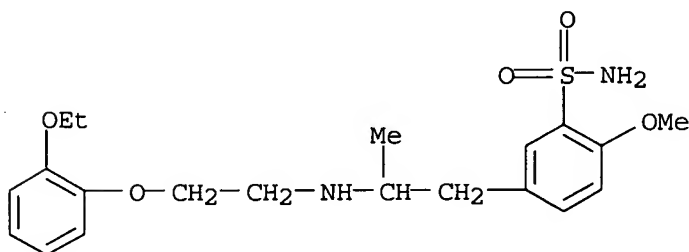


● HCl

IT **94666-07-6P**  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (process for resolution of tamsulosin using (-)- or (+)-camphor-10-  
 sulfonic acid and fractional crystallization)

RN **94666-07-6** CAPLUS

CN Benzenesulfonamide, 5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-  
 methoxy- (9CI) (CA INDEX NAME)

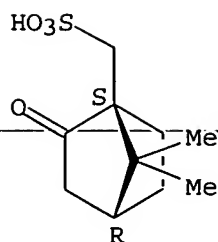


IT **3144-16-9**, (+)-Camphor-10-sulfonic acid **35963-20-3**,  
 (-)-Camphor-10-sulfonic acid  
 RL: RGT (Reagent); RACT (Reactant or reagent)  
 (process for resolution of tamsulosin using (-)- or (+)-camphor-10-  
 sulfonic acid and fractional crystallization)

RN **3144-16-9** CAPLUS

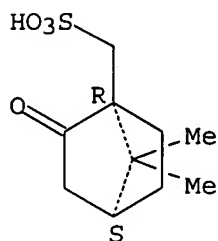
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
 (1S,4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

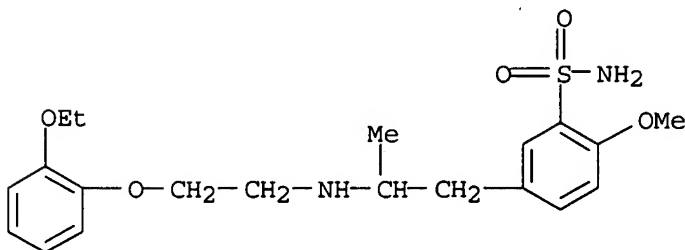


RN 35963-20-3 CAPLUS  
 CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-,  
 (1R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT 80223-99-0P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (process for resolution of tamsulosin using (-)- or (+)-camphor-10-  
 sulfonic acid and fractional crystallization with tamsulosin preparation  
 from)  
 RN 80223-99-0 CAPLUS  
 CN Benzenesulfonamide, 5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-  
 methoxy-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 15:51:57 ON 20 MAR 2005)

FILE 'REGISTRY' ENTERED AT 15:52:03 ON 20 MAR 2005

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L2 75 S\_CAMPHORSULFONIC\_ACID  
L3 STRUCTURE UPLOADED  
L4 0 S L3  
L5 27 SEARCH L3 FULL  
L6 0 S L1 AND L2  
L7 0 S L1 AND L5

FILE 'CAPLUS' ENTERED AT 15:58:05 ON 20 MAR 2005

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FILE 'CAPLUS' ENTERED AT 15:59:44 ON 20 MAR 2005

L8 3 S L1 AND L2

=> s l1 and l5

396 L1

176 L5

L9 1 L1 AND L5

=> d l9 fbib ab hitstr

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:60239 CAPLUS

DN 140:117394

TI Method of separating R(-)- and S(+)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl-2-methoxybenzene-sulfonamide

IN Blanco Fernandez, Cristina; Lorente Bonde-Larsen, Antonio; Martin Juarez, Jorge; Silva Guisasola, Luis Octavio

PA Ragactives, S.L., Spain

SO PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DT Patent

LA Spanish

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004006829	A2	20040122	WO 2003-ES357	20030711
	WO 2004006829	A3	20040408		
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				ES 2002-1638	A 20020712
	ES 2200699	A1	20040301	ES 2002-1638	20020712
	US 2005004398	A1	20050106	US 2004-799909	20040312
				ES 2002-1638	A 20020712
				WO 2003-ES357	A1 20030711

AB The invention relates to a method of separating enantiomers R(-)- and S(+)-5-(2-((2-ethoxyphenoxy)ethyl)amino)propyl-2-methoxybenzenesulfonamide. The inventive method consists in: (a) reacting

a mixture of the aforementioned enantiomers with an optically-active organic acid in order to form diastereoisomer salts with the enantiomers, where said diastereoisomer salts have a distinct solubility and can be separated by means

of crystallization;—(b)—separating the enriched mixture of diastereoisomer salts in the

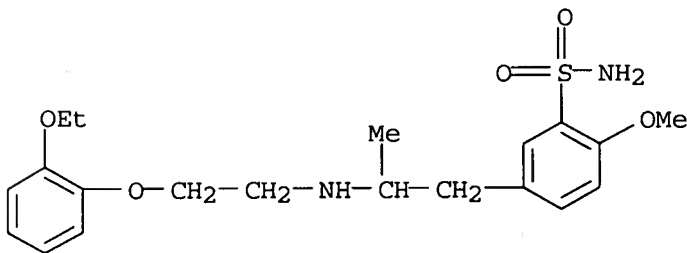
salt of one of the enantiomers; and (c) releasing said salts in order to obtain enantiomer R(-) or S(+). The R(-)-5-(2-((2-ethoxyphenoxy)ethyl)amino)propyl-2-methoxybenzenesulfonamide enantiomer has an  $\alpha$ -adrenergic blocking activity and can be used as a suitable antihypertensive agent for the treatment of congestive cardiac insufficiency and benign prostate hypertrophy.

IT 94666-07-6

RL: AMX (Analytical matrix); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); PROC (Process); USES (Uses)  
(method of separating R(-) and S(+)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl-2-methoxybenzene-sulfonamide)

RN 94666-07-6 CAPLUS

CN Benzenesulfonamide, 5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy- (9CI) (CA INDEX NAME)



IT 74927-72-3 90761-62-9

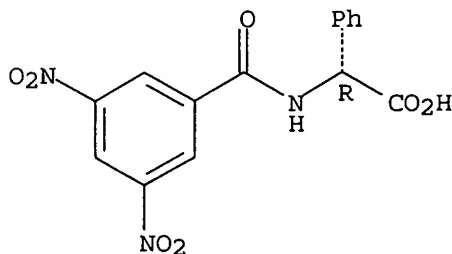
RL: ARG (Analytical reagent use); PEP (Physical, engineering or chemical process); PYP (Physical process); ANST (Analytical study); PROC (Process); USES (Uses)

(method of separating R(-) and S(+)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl-2-methoxybenzene-sulfonamide)

RN 74927-72-3 CAPLUS

CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ R)- (9CI) (CA INDEX NAME)

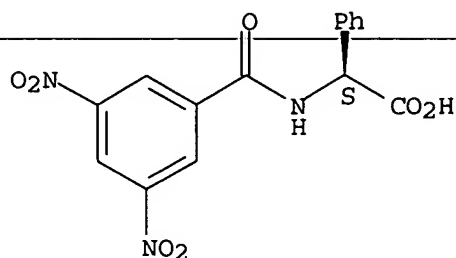
Absolute stereochemistry. Rotation (-).



RN 90761-62-9 CAPLUS

CN Benzeneacetic acid,  $\alpha$ -[(3,5-dinitrobenzoyl)amino]-, ( $\alpha$ S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



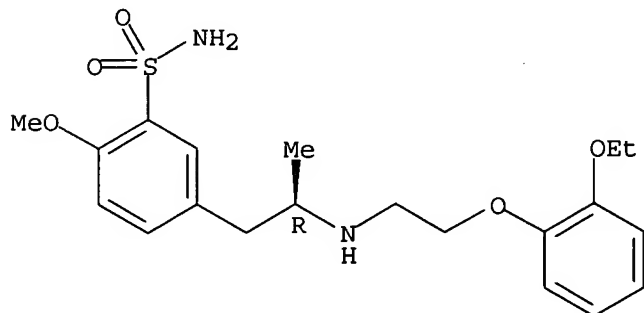
IT 106133-20-4P 106138-88-9P

RL: PEP (Physical, engineering or chemical process); PUR (Purification or recovery); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)  
(method of separating R(-)- and S(+)-5-[2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxybenzene-sulfonamide)

RN 106133-20-4 CAPLUS

CN Benzenesulfonamide, 5-[(2R)-2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy- (9CI) (CA INDEX NAME)

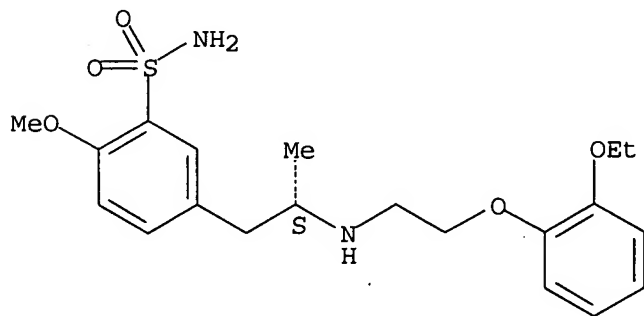
Absolute stereochemistry. Rotation (-).



RN 106138-88-9 CAPLUS

CN Benzenesulfonamide, 5-[(2S)-2-[[2-(2-ethoxyphenoxy)ethyl]amino]propyl]-2-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



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